

# Distributionen

- [Arch Linux \(und Manjaro & Co.\)](#)
- [Debian \(und viele Derivate\)](#)
  - ["snmpd: error on subcontainer 'ia\\_addr' insert \(-1\)" fixen](#)
  - [Anlegen einer Network Bridge unter Debian](#)
  - [Custom-Kernel bauen](#)
  - [Debian für Fedora-User](#)
  - [Default-Editor unter Debian konfigurieren](#)
  - [Installation von Sun Java unter Debian](#)
  - [PHP5 ohne Apache installieren](#)
  - [Possible missing firmware for module r8169](#)
  - [Vorlage für APT sources.list \(aktuell Debian Bookworm\)](#)
- [CentOS / RedHat / Fedora](#)
  - [Repositories und Software für CentOS \(und RedHat\)](#)
  - [IPv6 Protokoll bei Redhat-Linux Varianten deaktivieren](#)
  - [Repository für -debuginfo Pakete bei CentOS und RedHat](#)
  - [Unterschiede beim Kernel von CentOS und CentOSplus](#)
  - [Bonding / Teaming von Netzwerkkarten](#)
  - [Fedora Core 5 - Kernel-Panic nach Kernel Update mit RAID5](#)
  - [Netzwerkconfiguration - IP-Aliasing](#)

# Arch Linux (und Manjaro & Co.)

Debian (und viele Derivate)

Debian (und viele Derivate)

# "snmpd: error on subcontainer 'ia\_addr' insert (-1)" fixen

Wenn man in einem frischen Debian (Ubuntu ist auch betroffen) SNMPd verwendet, tauchen immer wieder diese Meldungen im Syslog auf:

```
Apr 11 14:19:05 hostname snmpd[12512]: error on subcontainer 'ia_addr' insert (-1)
```

Dieser Bug ist schon sehr lange in [Debian](#) (und [Ubuntu](#)) und lässt sich wie folgt fixen.

**Ab Debian Stretch** muss man das Systemd Unitfile von snmpd anpassen. Vorgaben in /etc/default/ werden nicht mehr beachtet:

```
sudo -i
systemctl edit snmpd.service

### einfügen:
[Service]
ExecStart=
ExecStart=/usr/sbin/snmpd -LS6d -Lf /dev/null -u Debian-snmp -g Debian-snmp -I -
smux,mteTrigger,mteTriggerConf -f
```

Speichern, danach:

```
systemctl restart snmpd.service
```

**Vor Debian Stretch bzw. Systemd** hat es so funktioniert:

```
sed -i 's/Lsd/LS6d/g' /etc/default/snmpd
service snmpd restart
```

Debian (und viele Derivate)

# Anlegen einer Network Bridge unter Debian

Für meinen netten kleinen Router mit dem Alix2c3 Mainboard wollte ich die 3 Netzwerkports bridgen, damit ich ihn quasi auch als Switch verwenden kann. Momentan habe ich darauf das [Voyage-Linux](#) installiert, das speziell auf embedded Geräte ausgelegt ist und z.B. viel mit tmpfs arbeitet um zuviele Schreibzugriffe auf das Compact-Flash Device zu vermeiden. Voyage-Linux basiert auf Debian, die aktuellste Version baut sogar schon auf Lenny auf.

Die folgende Anleitungen sollte aber für alle Debian-Systeme gleich gut funktionieren.

Zuerst müssen die Tools für das Bridging installiert werden:

```
aptitude install bridge-utils
```

Jetzt wird die Bridge in /etc/network/interfaces konfiguriert. Zuerst muss dazu die alte Konfiguration z.B. für eth0 deaktiviert werden, dazu die alten Einträge einfach auskommentieren.

Jetzt folgenden Eintrag hinzufügen, die IP-Adresse ist die vorher für eth0 eingetragene:

```
auto br0
iface br0 inet static
    bridge_ports eth0 eth1 eth2
    address 192.168.1.2
    netmask 255.255.255.0
    network 192.168.1.0
    broadcast 192.168.1.255
    gateway 192.168.1.1
```

Für den Parameter bridge\_ports kann auch „all“ eingesetzt werden, dann werden alle ethX-Ports für die Bridge verwendet. Nach einem Reboot, bzw. dem Neustart des Netzwerks ist die Bridge einsatzbereit.

Kontrollieren kann man die Einstellungen der Bridge so:

```
alix:~# brctl show
bridge name      bridge id          STP enabled      interfaces
br0              8000.000db91527b0  no              eth0
                                   eth1
                                   eth2
```

Debian (und viele Derivate)

# Custom-Kernel bauen

ungetestet:

```
apt-get install linux-source build-essential kernel-package
mkdir /root/kernels
cd /root/kernels
apt-get source linux
cd linux-*
cp /boot/config-3.2.0-4-amd64 config
vi Makefile (Set SUBLEVEL = 0)
make oldconfig
make menuconfig (Enable "General setup => Control group support => Group CPU scheduler => CPU ba
make-kpkg -j12 --append-to-version "-1-amd64-ovtec" --revision $REVISION --initrd buildpackage (
dput -c ~/cdn-packages/dput.rc -u ovtec linux-source-3.2.0-amd64-ovtec+$REVISION_amd64.changes
```

Debian (und viele Derivate)

# Debian für Fedora-User

Bei Debian ist für den Fedora-User einiges zu beachten. Manche Befehle gibts nicht, bzw. haben eine andere Syntax.

- User anlegen (Bei Fedora wird das Homeverzeichnis automatisch erzeugt. Debian braucht den -m Switch

```
useradd -m -s /bin/bash -d /home/wartung -c "Wartungsaccount" wartung
```

- Passwort im Batchmode ändern (Fedoras passwd kennt einen Schalter -stdin um Kennwörter von der Standardeingabe zu lesen)

```
echo "wartung:blablabla" | chpasswd
```

Debian (und viele Derivate)

# Default-Editor unter Debian konfigurieren

Standardmäßig ist bei Debian Nano als Editor eingerichtet. Dies kann für alle User über das Alternative-System geändert werden:

```
root@webl:~# update-alternatives --config editor

There are 4 alternatives which provide `editor'.

   Selection      Alternative
-----
      1           /bin/ed
*+      2          /bin/nano
      3          /usr/bin/vim.tiny
      4          /usr/bin/vim.basic

Press enter to keep the default[*], or type selection number: 4
Using '/usr/bin/vim.basic' to provide 'editor'.
```

Als normaler User funktioniert das nicht, daher müssen folgende Zeilen im eigenen Profil (z.b. in ~/.bashrc) eingetragen werden:

```
EDITOR=vi
export EDITOR
alias editor=$EDITOR
```

Danach neu anmelden oder die Datei neu sourcen (. .bashrc).

Alternativ den nano Editor einfach deinstallieren:

```
apt install vim nano-
```



Debian (und viele Derivate)

# Installation von Sun Java unter Debian

## Debian Wheezy und neuer

Für die Installation von Oracle/Sun Java unter Debian (ohne ein third party repository) gibts ein kleines Tool um aus dem Originaldownload ein dpkg-File zu machen.

Die aktuelle Version des Oracle Java JDKs kann hier heruntergeladen werden (siehe unten, per wget):

<http://www.oracle.com/technetwork/java/javase/downloads/index.html>

Folgendes Schritte sind dafür notwendig:

Aktivieren von contrib-Paketen in der sources.list von apt, z.B.:

[/etc/apt/sources.list](#)

```
deb http://debian.wavecon.de/mirror/ jessie main contrib
deb http://security.debian.org jessie/updates main contrib
deb http://debian.wavecon.de/repository/ wavecon main
```

Nötige Pakete installieren und Java herunterladen. Aktuelle Versionen von hier:

<http://www.oracle.com/technetwork/java/javase/downloads/index.html>

```
sudo aptitude -y install java-package build-essential libxslt1.1 libgl1-mesa-glx libgtk2.0-0 lib
wget --no-check-certificate --no-cookies --header "Cookie: oraclelicense=accept-securebackup-coo
# .deb Paket bauen (make-jpg lässt sich nicht als User root ausführen):
fakeroot make-jpkg jdk-8u131-linux-x64.tar.gz
```

Java installieren und aktivieren:

```
sudo dpkg -i oracle-java8-jdk_8u131_amd64.deb

update-java-alternatives -l
update-java-alternatives -s jdk-8-oracle-x64
```

Alles fertig:

```
# java -version
java version "1.8.0_131"
Java(TM) SE Runtime Environment (build 1.8.0_131-b11)
Java HotSpot(TM) 64-Bit Server VM (build 25.131-b11, mixed mode)
```

## Debian Lenny

Um Suns Java 6 unter Debian zu installieren gibts einige Hilfestellungen. Folgendes ist zu tun:

1. Ergänzen der sources.list um „non-free“-Paketquellen. Meine sources.list sieht dann z.B. so aus:

```
#
# deb cdrom:[Debian GNU/Linux 5.0.3 _Lenny_ - Official amd64 NETINST Binary-1 20090906-11:59]/ 1
#deb cdrom:[Debian GNU/Linux 5.0.3 _Lenny_ - Official amd64 NETINST Binary-1 20090906-11:59]/ le

deb http://ftp.de.debian.org/debian/ lenny main non-free
deb-src http://ftp.de.debian.org/debian/ lenny main non-free

deb http://security.debian.org/ lenny/updates main non-free
deb-src http://security.debian.org/ lenny/updates main non-free

deb http://volatile.debian.org/debian-volatile lenny/volatile main non-free
deb-src http://volatile.debian.org/debian-volatile lenny/volatile main non-free
```

2. „\$ apt-get update“

3. Die Installation via „\$ apt-get -y install sun-java6-plugin sun-java6-jre sun-java6-jdk sun-java6-javadb sun-java6-bin sun-java6-doc sun-java6-fonts“. Wer die Dokumentation mitinstalliert muss diese vom Sun-Server runterladen und nach /tmp/ legen (wer ohne auskommt lässt einfach sun-java6-doc im apt-Aufruf weg):

```
Setting up sun-java6-doc (6-12-1) ...
...

This package is an installer package, it does not actually contain the
JDK documentation. You will need to go download one of the
archives:

    jdk-6u12-docs.zip jdk-6u12-docs-ja.zip

(choose the non-update version if this is the first installation).
Please visit

    http://java.sun.com/javase/downloads/

now and download. The file should be owned by root.root and be copied
to /tmp.

[Press RETURN to try again, 'no' + RETURN to abort]
```

4. Alternatives auf Java umstellen:

```
# verfügbare Java-Installationen anzeigen:
$ update-java-alternatives -l

# umstellen auf Sun Java 6:
$ update-java-alternatives -s java-6-sun
```

5. Korrekte Installation überprüfen:

```
$ java -version
java version "1.6.0_12"
Java(TM) SE Runtime Environment (build 1.6.0_12-b04)
Java HotSpot(TM) 64-Bit Server VM (build 11.2-b01, mixed mode)
```

Debian (und viele Derivate)

# PHP5 ohne Apache installieren

Bei einem „apt-get install php5“ wird bei Debian standardmäßig der Apache-Webserver mitinstalliert. Wird nur das PHP benötigt läßt sich das folgendermaßen umgehen:

```
apt-get install php5-common php5-cgi php5
```

Das Paket php5-cgi erfüllt die korrekten Abhängigkeiten für php5, der Apache wird nicht mehr verlangt.

Debian (und viele Derivate)

# Possible missing firmware for module r8169

Sollte beim Updaten des Linuxkernels diese Meldung auftauchen müssen noch die (unfreien) Firmwaremodule von RealTek installiert werden:

```
W: Possible missing firmware /lib/firmware/rtl_nic/rtl8168d-2.fw for module r8169
W: Possible missing firmware /lib/firmware/rtl_nic/rtl8168d-1.fw for module r8169
```

Dazu müssen die Debian-Quellen in `/etc/apt/sources.list` angepasst werden („non-free contrib“):

```
deb http://ftp.de.debian.org/debian/ squeeze main non-free contrib
deb-src http://ftp.de.debian.org/debian/ squeeze main non-free contrib

deb http://security.debian.org/ squeeze/updates main non-free contrib
deb-src http://security.debian.org/ squeeze/updates main non-free contrib

deb http://ftp.de.debian.org/debian/ squeeze-updates main non-free contrib
deb-src http://ftp.de.debian.org/debian/ squeeze-updates main non-free contrib
```

Jetzt noch die fehlende Firmware installieren und das initramfs neu bauen:

```
aptitude update
aptitude install firmware-realtek
update-initramfs -k all -u
```

Debian (und viele Derivate)

# Vorlage für APT sources.list (aktuell Debian Bookworm)

## Debian Bookworm

Diese Vorlage beinhaltet die kompletten APT Quellen für Debian Bookworm. Das [proposed-updates](#) Repository enthält Pakete, die für das nächste Debian Point-Release vorgesehen sind.

```
deb http://deb.debian.org/debian/ bookworm contrib main non-free non-free-firmware
deb http://deb.debian.org/debian/ bookworm-updates contrib main non-free non-free-firmware
deb http://deb.debian.org/debian/ bookworm-backports contrib main non-free non-free-firmware
deb http://deb.debian.org/debian-security/ bookworm-security contrib main non-free non-free-firmware
```

Alternativ kann man statt des Release-Namens auch "stable" oder "oldstable" verwenden. Dabei ist allerdings Vorsicht geboten, da dann auch mal ein unbeabsichtigtes Release-Upgrade gemacht werden könnte.

```
deb http://deb.debian.org/debian/ stable contrib main non-free non-free-firmware
deb http://deb.debian.org/debian/ stable-updates contrib main non-free non-free-firmware
deb http://deb.debian.org/debian/ stable-backports contrib main non-free non-free-firmware
deb http://deb.debian.org/debian-security/ stable-security contrib main non-free non-free-firmware
```

## Debian Bullseye

```
deb http://deb.debian.org/debian bullseye main contrib non-free
deb http://deb.debian.org/debian bullseye-updates main contrib non-free
deb http://deb.debian.org/debian bullseye-backports main contrib non-free
deb http://security.debian.org/debian-security/ bullseye-security main contrib non-free
```

## Debian Buster

```
deb http://archive.debian.org/debian buster main contrib non-free
deb http://archive.debian.org/debian buster-updates main contrib non-free
deb http://archive.debian.org/debian buster-backports main contrib non-free
deb http://deb.debian.org/debian-security/ buster/updates main contrib non-free
```

CentOS / RedHat / Fedora

# Repositories und Software für CentOS (und RedHat)

Die folgenden Repos erweitern das Standard-Repo von CentOS (und RedHat) um einige wichtige Pakete und erleichtern das Arbeiten ungemein. Sie lassen sich sehr einfach installieren, Software kann dann via Yum eingespielt werden.

[EPEL \(Extra Packages for Enterprise Linux\)](#) wird von Freiwilligen gepflegt und ist aus dem Fedora-Projekt hervorgegangen. Pakete gibts hier für Fedora, RedHat-Enterprise Linux und damit auch für CentOS. Für 32- und 64-bit Versionen gibts nur ein Paket, an dem i386 im Pfad darf man sich nicht stören:

```
rpm -Uvh http://download.fedora.redhat.com/pub/epel/5/i386/epel-release-5-4.noarch.rpm
```

Für alles was dann sonst noch fehlt gibt es [RPM Fusion](#). RPM Fusion setzt die Installation von EPEL voraus. Auch hier wieder ein Paket für 32- und 64-bit.

für Fedora 11:

```
rpm -Uvh http://download1.rpmfusion.org/free/fedora/rpmfusion-free-release-stable.noarch.rpm
rpm -Uvh http://download1.rpmfusion.org/nonfree/fedora/rpmfusion-nonfree-release-stable.noarch.r
```

für Fedora Alpha-, Beta-Versionen und das, was mal Fedora 12 wird (rawhide):

```
rpm -Uvh http://download1.rpmfusion.org/free/fedora/rpmfusion-free-release-rawhide.noarch.rpm
rpm -Uvh http://download1.rpmfusion.org/nonfree/fedora/rpmfusion-nonfree-release-rawhide.noarch.
```

für RHEL5 und Kompatible wie CentOS:

```
rpm -Uvh http://download1.rpmfusion.org/free/el/updates/testing/5/i386/rpmfusion-free-release-5-
rpm -Uvh http://download1.rpmfusion.org/nonfree/el/updates/testing/5/i386/rpmfusion-nonfree-rele
```

# IPv6 Protokoll bei Redhat-Linux Varianten deaktivieren

Manchmal kann es notwendig sein, dass IPv6 Protokoll unter Linux zu deaktivieren. Hier das Vorgehen bei Redhat-Linux Varianten (getestet mit FC5):

Folgende Zeile `/etc/modprobe.conf` löschen, falls sie existiert (ist in der Regel nicht eingetragen):

```
alias net-pf-10 ipv6
```

Danach `/etc/modprobe.conf` um folgenden Eintrag ergänzen:

```
alias net-pf-10 off
```

Danach das System rebooten. Die IPv6 Unterstützung sollte nun deaktiviert sein.

Um den IPv6 Support wieder zu aktivieren einfach die Zeile oben wieder löschen.

Achtung: Wenn IPv6 deaktiviert wurde, sollte auch das Script `ip6tables` deaktiviert werden, da das System sonst beim Booten hängt.



# Repository für -debuginfo Pakete bei CentOS und RedHat

Wer eine Anwendung unter Linux debuggen muss kennt sicher den Nutzen der -debuginfo Pakete. Hier nun eine kurze Anleitung, wie man diese Pakete installiert und ggf. die dafür nötigen Repositories installiert/aktiviert.

Bei **RedHat** (hier ein RHEL 5.2) wird mit dem Paket „redhat-release“ die Datei /etc/yum.repos.d/rhel-debuginfo.repo mit installiert. Um das Repository nun zu aktivieren gibts folgende Möglichkeiten:

1. Temporär: „yum --enablerepo=rhel-debuginfo install glibc-debuginfo“
2. Dauerhaft: Die Datei im Editor öffnen und dort den Eintrag „enabled“ auf 1 setzen

Bei **CentOS** muss das Repository von Hand angelegt werden. Leider besteht hier momentan (Stand 22.06.09) das Problem, dass das Repository bereits seit langem kein Update mehr erfahren hat. Ein

<http://bugs.centos.org/view.php?id=3622> Bugreport dazu ist bereits offen. Die Repository-Datei muss so aussehen:

```
#Debug Info
[centos-debuginfo]
name=CentOS-$releasever - DebugInfo
#baseurl=http://debuginfo.centos.org/$releasever/$basearch/
baseurl=http://debuginfo.centos.org/$releasever/
gpgcheck=1
enabled=0
gpgkey=http://mirror.centos.org/centos/RPM-GPG-KEY-CentOS-$releasever
protect=1
priority=1
```

zur Aktivierung gilt hier das Gleiche wie oben, nur der Name des Repositories lautet in diesem Falle: centos-debuginfo

# Unterschiede beim Kernel von CentOS und CentOSplus

Beim CentOS-Projekt hat man die Möglichkeit durch aktivieren des CentOSplus-Repos einen erweiterten Kernel zu installieren. Dieser beinhaltet mehr Treiber für verschiedene Erweiterungskarten und Spezialitäten wie Firewire- oder DVB(TV)-Unterstützung. Hier ein Diff der aktuellen CentOS-Kernel- und CentOSplus-Kernel-Config:

```
# #
# Automatically generated make config: don't edit # Automatically generated make config: don't
# Linux kernel version: 2.6.18-8.1.15.el5 | # Linux kernel version: 2.6.18-8.1.15.el5.cen
# Mon Oct 22 08:26:05 2007 | # Thu Oct 25 06:43:44 2007
# #
CONFIG_X86_32=y CONFIG_X86_32=y
CONFIG_GENERIC_TIME=y CONFIG_GENERIC_TIME=y
CONFIG_LOCKDEP_SUPPORT=y CONFIG_LOCKDEP_SUPPORT=y
CONFIG_STACKTRACE_SUPPORT=y CONFIG_STACKTRACE_SUPPORT=y
CONFIG_SEMAPHORE_SLEEPERS=y CONFIG_SEMAPHORE_SLEEPERS=y
CONFIG_X86=y CONFIG_X86=y
CONFIG_MMU=y CONFIG_MMU=y
CONFIG_GENERIC_ISA_DMA=y CONFIG_GENERIC_ISA_DMA=y
CONFIG_GENERIC_IOMAP=y CONFIG_GENERIC_IOMAP=y
CONFIG_GENERIC_HWEIGHT=y CONFIG_GENERIC_HWEIGHT=y
CONFIG_ARCH_MAY_HAVE_PC_FDC=y CONFIG_ARCH_MAY_HAVE_PC_FDC=y
CONFIG_DMI=y CONFIG_DMI=y
CONFIG_DEFCONFIG_LIST="/lib/modules/$UNAME_RELEASE/.config" CONFIG_DEFCONFIG_LIST="/lib/modules/

# #
# Code maturity level options # Code maturity level options
# #
CONFIG_EXPERIMENTAL=y CONFIG_EXPERIMENTAL=y
CONFIG_LOCK_KERNEL=y CONFIG_LOCK_KERNEL=y
CONFIG_INIT_ENV_ARG_LIMIT=32 CONFIG_INIT_ENV_ARG_LIMIT=32

# #
# General setup # General setup
# #
CONFIG_LOCALVERSION="" CONFIG_LOCALVERSION=""
# CONFIG_LOCALVERSION_AUTO is not set # CONFIG_LOCALVERSION_AUTO is not set
CONFIG_SWAP=y CONFIG_SWAP=y
CONFIG_SYSVIPC=y CONFIG_SYSVIPC=y
CONFIG_POSIX_MQUEUE=y CONFIG_POSIX_MQUEUE=y
CONFIG_BSD_PROCESS_ACCT=y CONFIG_BSD_PROCESS_ACCT=y
# CONFIG_BSD_PROCESS_ACCT_V3 is not set # CONFIG_BSD_PROCESS_ACCT_V3 is not set
CONFIG_TASKSTATS=y CONFIG_TASKSTATS=y
CONFIG_TASK_DELAY_ACCT=y CONFIG_TASK_DELAY_ACCT=y
CONFIG_AUDIT=y CONFIG_AUDIT=y
CONFIG_AUDITSYSCALL=y CONFIG_AUDITSYSCALL=y
# CONFIG_IKCONFIG is not set # CONFIG_IKCONFIG is not set
CONFIG_CPUSETS=y CONFIG_CPUSETS=y
CONFIG_RELAY=y CONFIG_RELAY=y
CONFIG_INITRAMFS_SOURCE="" CONFIG_INITRAMFS_SOURCE=""
CONFIG_CC_OPTIMIZE_FOR_SIZE=y CONFIG_CC_OPTIMIZE_FOR_SIZE=y
# CONFIG_EMBEDDED is not set # CONFIG_EMBEDDED is not set
CONFIG_UID16=y CONFIG_UID16=y
CONFIG_SYSCTL=y CONFIG_SYSCTL=y
CONFIG_KALLSYMS=y CONFIG_KALLSYMS=y
# CONFIG_KALLSYMS_ALL is not set # CONFIG_KALLSYMS_ALL is not set
CONFIG_KALLSYMS_EXTRA_PASS=y CONFIG_KALLSYMS_EXTRA_PASS=y
CONFIG_HOTPLUG=y CONFIG_HOTPLUG=y
CONFIG_PRINTK=y CONFIG_PRINTK=y
CONFIG_BUG=y CONFIG_BUG=y
CONFIG_ELF_CORE=y CONFIG_ELF_CORE=y
CONFIG_BASE_FULL=y CONFIG_BASE_FULL=y
CONFIG_FUTEX=y CONFIG_FUTEX=y
CONFIG_EPOLL=y CONFIG_EPOLL=y
CONFIG_SHMEM=y CONFIG_SHMEM=y
CONFIG_SLAB=y CONFIG_SLAB=y
```

```

CONFIG_VM_EVENT_COUNTERS=y      CONFIG_VM_EVENT_COUNTERS=y
CONFIG_RT_MUTEXES=y             CONFIG_RT_MUTEXES=y
# CONFIG_TINY_SHMEM is not set   # CONFIG_TINY_SHMEM is not set
CONFIG_BASE_SMALL=0             CONFIG_BASE_SMALL=0
# CONFIG_SLOB is not set         # CONFIG_SLOB is not set

#
# Loadable module support      # Loadable module support
#
CONFIG_MODULES=y                CONFIG_MODULES=y
CONFIG_MODULE_UNLOAD=y          CONFIG_MODULE_UNLOAD=y
# CONFIG_MODULE_FORCE_UNLOAD is not set # CONFIG_MODULE_FORCE_UNLOAD is not set
CONFIG_MODVERSIONS=y           CONFIG_MODVERSIONS=y
CONFIG_MODULE_SRCVERSION_ALL=y  CONFIG_MODULE_SRCVERSION_ALL=y
CONFIG_MODULE_SIG=y             CONFIG_MODULE_SIG=y
# CONFIG_MODULE_SIG_FORCE is not set   # CONFIG_MODULE_SIG_FORCE is not set
CONFIG_KMOD=y                   CONFIG_KMOD=y
CONFIG_STOP_MACHINE=y           CONFIG_STOP_MACHINE=y

#
# Process debugging support      # Process debugging support
#
CONFIG_UTRACE=y                 CONFIG_UTRACE=y
CONFIG_PTRACE=y                 CONFIG_PTRACE=y

#
# Block layer                    # Block layer
#
CONFIG_LBD=y                    CONFIG_LBD=y
CONFIG_BLK_DEV_IO_TRACE=y       CONFIG_BLK_DEV_IO_TRACE=y
CONFIG_LSF=y                    CONFIG_LSF=y

#
# IO Schedulers                  # IO Schedulers
#
CONFIG_IOSCHED_NOOP=y           CONFIG_IOSCHED_NOOP=y
CONFIG_IOSCHED_AS=y             CONFIG_IOSCHED_AS=y
CONFIG_IOSCHED_DEADLINE=y       CONFIG_IOSCHED_DEADLINE=y
CONFIG_IOSCHED_CFQ=y            CONFIG_IOSCHED_CFQ=y
# CONFIG_DEFAULT_AS is not set       # CONFIG_DEFAULT_AS is not set
# CONFIG_DEFAULT_DEADLINE is not set # CONFIG_DEFAULT_DEADLINE is not set
CONFIG_DEFAULT_CFQ=y            CONFIG_DEFAULT_CFQ=y
# CONFIG_DEFAULT_NOOP is not set     # CONFIG_DEFAULT_NOOP is not set
CONFIG_DEFAULT_IOSCHED="cfq"    CONFIG_DEFAULT_IOSCHED="cfq"

#
# Processor type and features    # Processor type and features
#
CONFIG_SMP=y                    CONFIG_SMP=y
# CONFIG_X86_PC is not set          # CONFIG_X86_PC is not set
# CONFIG_X86_XEN is not set         # CONFIG_X86_XEN is not set
# CONFIG_X86_ELAN is not set        # CONFIG_X86_ELAN is not set
# CONFIG_X86_VOYAGER is not set     # CONFIG_X86_VOYAGER is not set
# CONFIG_X86_NUMAQ is not set        # CONFIG_X86_NUMAQ is not set
# CONFIG_X86_SUMMIT is not set       # CONFIG_X86_SUMMIT is not set
# CONFIG_X86_BIGSMP is not set       # CONFIG_X86_BIGSMP is not set
# CONFIG_X86_VISWS is not set        # CONFIG_X86_VISWS is not set
CONFIG_X86_GENERICARCH=y        CONFIG_X86_GENERICARCH=y
# CONFIG_X86_ES7000 is not set       # CONFIG_X86_ES7000 is not set
CONFIG_X86_CYCLONE_TIMER=y       CONFIG_X86_CYCLONE_TIMER=y
# CONFIG_M386 is not set             # CONFIG_M386 is not set
# CONFIG_M486 is not set             # CONFIG_M486 is not set
# CONFIG_M586 is not set             # CONFIG_M586 is not set
# CONFIG_M586TSC is not set          # CONFIG_M586TSC is not set
# CONFIG_M586MMX is not set          # CONFIG_M586MMX is not set
CONFIG_M686=y                    CONFIG_M686=y
# CONFIG_MPENTIUMII is not set       # CONFIG_MPENTIUMII is not set
# CONFIG_MPENTIUMIII is not set      # CONFIG_MPENTIUMIII is not set
# CONFIG_MPENTIUMM is not set        # CONFIG_MPENTIUMM is not set
# CONFIG_MPENTIUM4 is not set        # CONFIG_MPENTIUM4 is not set
# CONFIG_MK6 is not set              # CONFIG_MK6 is not set
# CONFIG_MK7 is not set              # CONFIG_MK7 is not set
# CONFIG_MK8 is not set              # CONFIG_MK8 is not set
# CONFIG_MCRUSOE is not set          # CONFIG_MCRUSOE is not set
# CONFIG_MEFFICEON is not set        # CONFIG_MEFFICEON is not set
# CONFIG_MWINCHIP6 is not set        # CONFIG_MWINCHIP6 is not set
# CONFIG_MWINCHIP2 is not set        # CONFIG_MWINCHIP2 is not set
# CONFIG_MWINCHIP3D is not set       # CONFIG_MWINCHIP3D is not set
# CONFIG_MGEODEGX1 is not set        # CONFIG_MGEODEGX1 is not set

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# CONFIG_MGEODE_LX is not set      # CONFIG_MGEODE_LX is not set
# CONFIG_MCYRIXIII is not set      # CONFIG_MCYRIXIII is not set
# CONFIG_MVIAC3_2 is not set      # CONFIG_MVIAC3_2 is not set
CONFIG_X86_GENERIC=y      CONFIG_X86_GENERIC=y
CONFIG_X86_CMPXCHG=y      CONFIG_X86_CMPXCHG=y
CONFIG_X86_XADD=y      CONFIG_X86_XADD=y
CONFIG_X86_L1_CACHE_SHIFT=7      CONFIG_X86_L1_CACHE_SHIFT=7
CONFIG_RWSEM_XCHGADD_ALGORITHM=y      CONFIG_RWSEM_XCHGADD_ALGORITHM=y
CONFIG_GENERIC_CALIBRATE_DELAY=y      CONFIG_GENERIC_CALIBRATE_DELAY=y
CONFIG_X86_PPRO_FENCE=y      CONFIG_X86_PPRO_FENCE=y
CONFIG_X86_WP_WORKS_OK=y      CONFIG_X86_WP_WORKS_OK=y
CONFIG_X86_INVLPG=y      CONFIG_X86_INVLPG=y
CONFIG_X86_BSWAP=y      CONFIG_X86_BSWAP=y
CONFIG_X86_POPAD_OK=y      CONFIG_X86_POPAD_OK=y
CONFIG_X86_CMPXCHG64=y      CONFIG_X86_CMPXCHG64=y
CONFIG_X86_GOOD_APIC=y      CONFIG_X86_GOOD_APIC=y
CONFIG_X86_INTEL_USERCOPY=y      CONFIG_X86_INTEL_USERCOPY=y
CONFIG_X86_USE_PPRO_CHECKSUM=y      CONFIG_X86_USE_PPRO_CHECKSUM=y
CONFIG_X86_TSC=y      CONFIG_X86_TSC=y
CONFIG_HPET_TIMER=y      CONFIG_HPET_TIMER=y
CONFIG_HPET_EMULATE_RTC=y      CONFIG_HPET_EMULATE_RTC=y
CONFIG_NR_CPUS=32      CONFIG_NR_CPUS=32
CONFIG_SCHED_SMT=y      CONFIG_SCHED_SMT=y
CONFIG_SCHED_MC=y      CONFIG_SCHED_MC=y
# CONFIG_PREEMPT_NONE is not set      # CONFIG_PREEMPT_NONE is not set
CONFIG_PREEMPT_VOLUNTARY=y      CONFIG_PREEMPT_VOLUNTARY=y
# CONFIG_PREEMPT is not set      # CONFIG_PREEMPT is not set
CONFIG_PREEMPT_BKL=y      CONFIG_PREEMPT_BKL=y
CONFIG_X86_LOCAL_APIC=y      CONFIG_X86_LOCAL_APIC=y
CONFIG_X86_IO_APIC=y      CONFIG_X86_IO_APIC=y
CONFIG_X86_MCE=y      CONFIG_X86_MCE=y
# CONFIG_X86_MCE_NONFATAL is not set      # CONFIG_X86_MCE_NONFATAL is not set
CONFIG_X86_MCE_P4THERMAL=y      CONFIG_X86_MCE_P4THERMAL=y
CONFIG_VM86=y      CONFIG_VM86=y
CONFIG_TOSHIBA=m      CONFIG_TOSHIBA=m
CONFIG_I8K=m      CONFIG_I8K=m
# CONFIG_X86_REBOOTFIXUPS is not set      # CONFIG_X86_REBOOTFIXUPS is not set
CONFIG_MICROCODE=m      CONFIG_MICROCODE=m
CONFIG_X86_MSR=m      CONFIG_X86_MSR=m
CONFIG_X86_CPUID=m      CONFIG_X86_CPUID=m
# CONFIG_SWIOTLB is not set      # CONFIG_SWIOTLB is not set

#
# Firmware Drivers      # Firmware Drivers
#
CONFIG_EDD=m      CONFIG_EDD=m
CONFIG_EFI_VARS=y      CONFIG_EFI_VARS=y
CONFIG_DELL_RBU=m      CONFIG_DELL_RBU=m
CONFIG_DCDBAS=m      CONFIG_DCDBAS=m
# CONFIG_NOHIGHMEM is not set      # CONFIG_NOHIGHMEM is not set
CONFIG_HIGHMEM4G=y      CONFIG_HIGHMEM4G=y
# CONFIG_HIGHMEM64G is not set      # CONFIG_HIGHMEM64G is not set
CONFIG_PAGE_OFFSET=0xc0000000      CONFIG_PAGE_OFFSET=0xc0000000
CONFIG_HIGHMEM=y      CONFIG_HIGHMEM=y
CONFIG_SELECT_MEMORY_MODEL=y      CONFIG_SELECT_MEMORY_MODEL=y
CONFIG_FLATMEM_MANUAL=y      CONFIG_FLATMEM_MANUAL=y
# CONFIG_DISCONTIGMEM_MANUAL is not set      # CONFIG_DISCONTIGMEM_MANUAL is not set
# CONFIG_SPARSEMEM_MANUAL is not set      # CONFIG_SPARSEMEM_MANUAL is not set
CONFIG_FLATMEM=y      CONFIG_FLATMEM=y
CONFIG_FLAT_NODE_MEM_MAP=y      CONFIG_FLAT_NODE_MEM_MAP=y
# CONFIG_SPARSEMEM_STATIC is not set      # CONFIG_SPARSEMEM_STATIC is not set
CONFIG_SPLIT_PTLOCK_CPUS=4096      CONFIG_SPLIT_PTLOCK_CPUS=4096
CONFIG_RESOURCES_64BIT=y      CONFIG_RESOURCES_64BIT=y
CONFIG_HIGHPTIE=y      CONFIG_HIGHPTIE=y
# CONFIG_MATH_EMULATION is not set      # CONFIG_MATH_EMULATION is not set
CONFIG_MTRR=y      CONFIG_MTRR=y
CONFIG_EFI=y      CONFIG_EFI=y
# CONFIG_IRQBALANCE is not set      # CONFIG_IRQBALANCE is not set
CONFIG_BOOT_IOMEMAP=y      CONFIG_BOOT_IOMEMAP=y
CONFIG_REGPARM=y      CONFIG_REGPARM=y
# CONFIG_SECCOMP is not set      # CONFIG_SECCOMP is not set
# CONFIG_VGA_NOPROBE is not set      # CONFIG_VGA_NOPROBE is not set
# CONFIG_HZ_100 is not set      # CONFIG_HZ_100 is not set
# CONFIG_HZ_250 is not set      # CONFIG_HZ_250 is not set
CONFIG_HZ_1000=y      CONFIG_HZ_1000=y
CONFIG_HZ=1000      CONFIG_HZ=1000
CONFIG_KEXEC=y      CONFIG_KEXEC=y
CONFIG_CRASH_DUMP=y      CONFIG_CRASH_DUMP=y
CONFIG_RELOCATABLE=y      CONFIG_RELOCATABLE=y

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CONFIG_PHYSICAL_ALIGN=0x400000      CONFIG_PHYSICAL_ALIGN=0x400000
CONFIG_HOTPLUG_CPU=y                 CONFIG_HOTPLUG_CPU=y
# CONFIG_COMPAT_VDSO is not set      # CONFIG_COMPAT_VDSO is not set
CONFIG_ARCH_ENABLE_MEMORY_HOTPLUG=y  CONFIG_ARCH_ENABLE_MEMORY_HOTPLUG=y

#                                     #
# Power management options (ACPI, APM) # Power management options (ACPI, APM)
#                                     #
CONFIG_PM=y                          CONFIG_PM=y
CONFIG_PM_LEGACY=y                   CONFIG_PM_LEGACY=y
# CONFIG_PM_DEBUG is not set         # CONFIG_PM_DEBUG is not set
CONFIG_SOFTWARE_SUSPEND=y            CONFIG_SOFTWARE_SUSPEND=y
CONFIG_PM_STD_PARTITION=""           CONFIG_PM_STD_PARTITION=""
CONFIG_SUSPEND_SMP=y                 CONFIG_SUSPEND_SMP=y

#                                     #
# ACPI (Advanced Configuration and Power Interface) Support # ACPI (Advanced Configuration and P
#                                     #
CONFIG_ACPI=y                        CONFIG_ACPI=y
CONFIG_ACPI_SLEEP=y                  CONFIG_ACPI_SLEEP=y
CONFIG_ACPI_SLEEP_PROC_FS=y          CONFIG_ACPI_SLEEP_PROC_FS=y
# CONFIG_ACPI_SLEEP_PROC_SLEEP is not set # CONFIG_ACPI_SLEEP_PROC_SLEEP is not set
CONFIG_ACPI_AC=m                     CONFIG_ACPI_AC=m
CONFIG_ACPI_BATTERY=m                CONFIG_ACPI_BATTERY=m
CONFIG_ACPI_BUTTON=m                 CONFIG_ACPI_BUTTON=m
CONFIG_ACPI_VIDEO=m                  CONFIG_ACPI_VIDEO=m
# CONFIG_ACPI_HOTKEY is not set       # CONFIG_ACPI_HOTKEY is not set
CONFIG_ACPI_FAN=y                     CONFIG_ACPI_FAN=y
CONFIG_ACPI_DOCK=y                    CONFIG_ACPI_DOCK=y
CONFIG_ACPI_PROCESSOR=y              CONFIG_ACPI_PROCESSOR=y
CONFIG_ACPI_HOTPLUG_CPU=y            CONFIG_ACPI_HOTPLUG_CPU=y
CONFIG_ACPI_THERMAL=y                CONFIG_ACPI_THERMAL=y
CONFIG_ACPI_ASUS=m                   CONFIG_ACPI_ASUS=m
CONFIG_ACPI_IBM=m                     CONFIG_ACPI_IBM=m
CONFIG_ACPI_TOSHIBA=m                CONFIG_ACPI_TOSHIBA=m
CONFIG_ACPI_BLACKLIST_YEAR=1999      CONFIG_ACPI_BLACKLIST_YEAR=1999
# CONFIG_ACPI_DEBUG is not set        # CONFIG_ACPI_DEBUG is not set
CONFIG_ACPI_EC=y                     CONFIG_ACPI_EC=y
CONFIG_ACPI_POWER=y                  CONFIG_ACPI_POWER=y
CONFIG_ACPI_SYSTEM=y                 CONFIG_ACPI_SYSTEM=y
CONFIG_X86_PM_TIMER=y                CONFIG_X86_PM_TIMER=y
CONFIG_ACPI_CONTAINER=y              CONFIG_ACPI_CONTAINER=y
CONFIG_ACPI_SBS=m                    CONFIG_ACPI_SBS=m

#                                     #
# APM (Advanced Power Management) BIOS Support # APM (Advanced Power Management) BIOS Support
#                                     #
CONFIG_APM=y                         CONFIG_APM=y
# CONFIG_APM_IGNORE_USER_SUSPEND is not set # CONFIG_APM_IGNORE_USER_SUSPEND is not set
# CONFIG_APM_DO_ENABLE is not set        # CONFIG_APM_DO_ENABLE is not set
CONFIG_APM_CPU_IDLE=y                CONFIG_APM_CPU_IDLE=y
# CONFIG_APM_DISPLAY_BLANK is not set     # CONFIG_APM_DISPLAY_BLANK is not set
CONFIG_APM_RTC_IS_GMT=y              CONFIG_APM_RTC_IS_GMT=y
# CONFIG_APM_ALLOW_INTS is not set        # CONFIG_APM_ALLOW_INTS is not set
# CONFIG_APM_REAL_MODE_POWER_OFF is not set # CONFIG_APM_REAL_MODE_POWER_OFF is not set

#                                     #
# CPU Frequency scaling # CPU Frequency scaling
#                                     #
CONFIG_CPU_FREQ=y                     CONFIG_CPU_FREQ=y
CONFIG_CPU_FREQ_TABLE=y               CONFIG_CPU_FREQ_TABLE=y
CONFIG_CPU_FREQ_DEBUG=y               CONFIG_CPU_FREQ_DEBUG=y
CONFIG_CPU_FREQ_STAT=m                CONFIG_CPU_FREQ_STAT=m
CONFIG_CPU_FREQ_STAT_DETAILS=y         CONFIG_CPU_FREQ_STAT_DETAILS=y
# CONFIG_CPU_FREQ_DEFAULT_GOV_PERFORMANCE is not set # CONFIG_CPU_FREQ_DEFAULT_GOV_PERFORMANCE
CONFIG_CPU_FREQ_DEFAULT_GOV_USERSPACE=y CONFIG_CPU_FREQ_DEFAULT_GOV_USERSPACE=y
CONFIG_CPU_FREQ_GOV_PERFORMANCE=y     CONFIG_CPU_FREQ_GOV_PERFORMANCE=y
CONFIG_CPU_FREQ_GOV_POWERSAVE=m        CONFIG_CPU_FREQ_GOV_POWERSAVE=m
CONFIG_CPU_FREQ_GOV_USERSPACE=y        CONFIG_CPU_FREQ_GOV_USERSPACE=y
CONFIG_CPU_FREQ_GOV_ONDEMAND=m         CONFIG_CPU_FREQ_GOV_ONDEMAND=m
CONFIG_CPU_FREQ_GOV_CONSERVATIVE=m     CONFIG_CPU_FREQ_GOV_CONSERVATIVE=m

#                                     #
# CPUFreq processor drivers # CPUFreq processor drivers
#                                     #
CONFIG_X86_ACPI_CPUFREQ=m             CONFIG_X86_ACPI_CPUFREQ=m
# CONFIG_X86_POWERNOW_K6 is not set      # CONFIG_X86_POWERNOW_K6 is not set
CONFIG_X86_POWERNOW_K7=y              CONFIG_X86_POWERNOW_K7=y
CONFIG_X86_POWERNOW_K7_ACPI=y         CONFIG_X86_POWERNOW_K7_ACPI=y

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CONFIG_X86_POWERNOW_K8=y      CONFIG_X86_POWERNOW_K8=y
CONFIG_X86_POWERNOW_K8_ACPI=y  CONFIG_X86_POWERNOW_K8_ACPI=y
# CONFIG_X86_GX_SUSPMOD is not set # CONFIG_X86_GX_SUSPMOD is not set
CONFIG_X86_SPEEDSTEP_CENTRINO=y  CONFIG_X86_SPEEDSTEP_CENTRINO=y
CONFIG_X86_SPEEDSTEP_CENTRINO_ACPI=y  CONFIG_X86_SPEEDSTEP_CENTRINO_ACPI=y
CONFIG_X86_SPEEDSTEP_CENTRINO_TABLE=y  CONFIG_X86_SPEEDSTEP_CENTRINO_TABLE=y
CONFIG_X86_SPEEDSTEP_ICH=y  CONFIG_X86_SPEEDSTEP_ICH=y
CONFIG_X86_SPEEDSTEP_SMI=y  CONFIG_X86_SPEEDSTEP_SMI=y
CONFIG_X86_P4_CLOCKMOD=m  CONFIG_X86_P4_CLOCKMOD=m
# CONFIG_X86_CPUFREQ_NFORCE2 is not set # CONFIG_X86_CPUFREQ_NFORCE2 is not set
CONFIG_X86_LONGRUN=y  CONFIG_X86_LONGRUN=y
# CONFIG_X86_LONGHAUL is not set # CONFIG_X86_LONGHAUL is not set

# #
# shared options # shared options
# #
# CONFIG_X86_ACPI_CPUFREQ_PROC_INTF is not set # CONFIG_X86_ACPI_CPUFREQ_PROC_INTF is not set
CONFIG_X86_SPEEDSTEP_LIB=y  CONFIG_X86_SPEEDSTEP_LIB=y
# CONFIG_X86_SPEEDSTEP_RELAXED_CAP_CHECK is not set # CONFIG_X86_SPEEDSTEP_RELAXED_CAP_CHECK is

# #
# Bus options (PCI, PCMCIA, EISA, MCA, ISA) # Bus options (PCI, PCMCIA, EISA, MCA, ISA)
# #
CONFIG_PCI=y  CONFIG_PCI=y
# CONFIG_PCI_GOBIOS is not set # CONFIG_PCI_GOBIOS is not set
# CONFIG_PCI_GOMMCONFIG is not set # CONFIG_PCI_GOMMCONFIG is not set
# CONFIG_PCI_GODIRECT is not set # CONFIG_PCI_GODIRECT is not set
# CONFIG_PCI_GOXEN_FE is not set # CONFIG_PCI_GOXEN_FE is not set
CONFIG_PCI_GOANY=y  CONFIG_PCI_GOANY=y
CONFIG_PCI_BIOS=y  CONFIG_PCI_BIOS=y
CONFIG_PCI_DIRECT=y  CONFIG_PCI_DIRECT=y
CONFIG_PCI_MMCONFIG=y  CONFIG_PCI_MMCONFIG=y
CONFIG_PCIEPORTBUS=y  CONFIG_PCIEPORTBUS=y
CONFIG_HOTPLUG_PCI_PCIE=m  CONFIG_HOTPLUG_PCI_PCIE=m
# CONFIG_HOTPLUG_PCI_PCIE_POLL_EVENT_MODE is not set # CONFIG_HOTPLUG_PCI_PCIE_POLL_EVENT_MODE
CONFIG_PCI_MSI=y  CONFIG_PCI_MSI=y
# CONFIG_PCI_DEBUG is not set # CONFIG_PCI_DEBUG is not set
CONFIG_ISA_DMA_API=y  CONFIG_ISA_DMA_API=y
# CONFIG_ISA is not set # CONFIG_ISA is not set
# CONFIG_MCA is not set # CONFIG_MCA is not set
# CONFIG_SCx200 is not set # CONFIG_SCx200 is not set
CONFIG_K8_NB=y  CONFIG_K8_NB=y

# #
# PCCARD (PCMCIA/CardBus) support # PCCARD (PCMCIA/CardBus) support
# #
CONFIG_PCCARD=y  CONFIG_PCCARD=y
# CONFIG_PCMCIA_DEBUG is not set # CONFIG_PCMCIA_DEBUG is not set
CONFIG_PCMCIA=y  CONFIG_PCMCIA=y
CONFIG_PCMCIA_LOAD_CIS=y  CONFIG_PCMCIA_LOAD_CIS=y
CONFIG_PCMCIA_IOCTL=y  CONFIG_PCMCIA_IOCTL=y
CONFIG_CARDBUS=y  CONFIG_CARDBUS=y

# #
# PC-card bridges # PC-card bridges
# #
CONFIG_YENTA=y  CONFIG_YENTA=y
CONFIG_YENTA_O2=y  CONFIG_YENTA_O2=y
CONFIG_YENTA_RICOH=y  CONFIG_YENTA_RICOH=y
CONFIG_YENTA_TI=y  CONFIG_YENTA_TI=y
CONFIG_YENTA_ENE_TUNE=y  CONFIG_YENTA_ENE_TUNE=y
CONFIG_YENTA_TOSHIBA=y  CONFIG_YENTA_TOSHIBA=y
CONFIG_PD6729=m  CONFIG_PD6729=m
# CONFIG_I82092 is not set # CONFIG_I82092 is not set
CONFIG_PCCARD_NONSTATIC=y  CONFIG_PCCARD_NONSTATIC=y

# #
# PCI Hotplug Support # PCI Hotplug Support
# #
CONFIG_HOTPLUG_PCI=y  CONFIG_HOTPLUG_PCI=y
CONFIG_HOTPLUG_PCI_FAKE=m  CONFIG_HOTPLUG_PCI_FAKE=m
CONFIG_HOTPLUG_PCI_COMPAQ=m  CONFIG_HOTPLUG_PCI_COMPAQ=m
# CONFIG_HOTPLUG_PCI_COMPAQ_NVRAM is not set # CONFIG_HOTPLUG_PCI_COMPAQ_NVRAM is not set
CONFIG_HOTPLUG_PCI_IBM=m  CONFIG_HOTPLUG_PCI_IBM=m
CONFIG_HOTPLUG_PCI_ACPI=m  CONFIG_HOTPLUG_PCI_ACPI=m
CONFIG_HOTPLUG_PCI_ACPI_IBM=m  CONFIG_HOTPLUG_PCI_ACPI_IBM=m
# CONFIG_HOTPLUG_PCI_CPCI is not set # CONFIG_HOTPLUG_PCI_CPCI is not set
# CONFIG_HOTPLUG_PCI_SHPC is not set # CONFIG_HOTPLUG_PCI_SHPC is not set

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#           #
# Executable file formats      # Executable file formats
#           #
CONFIG_BINFMT_ELF=y           CONFIG_BINFMT_ELF=y
# CONFIG_BINFMT_AOUT is not set      # CONFIG_BINFMT_AOUT is not set
CONFIG_BINFMT_MISC=y          CONFIG_BINFMT_MISC=y

#           #
# Networking                   # Networking
#           #
CONFIG_NET=y                   CONFIG_NET=y

#           #
# Networking options           # Networking options
#           #
# CONFIG_NETDEBUG is not set      # CONFIG_NETDEBUG is not set
CONFIG_PACKET=y                CONFIG_PACKET=y
CONFIG_PACKET_MMAP=y           CONFIG_PACKET_MMAP=y
CONFIG_UNIX=y                  CONFIG_UNIX=y
CONFIG_XFRM=y                   CONFIG_XFRM=y
CONFIG_XFRM_USER=y             CONFIG_XFRM_USER=y
CONFIG_NET_KEY=m               CONFIG_NET_KEY=m
CONFIG_INET=y                  CONFIG_INET=y
CONFIG_IP_MULTICAST=y           CONFIG_IP_MULTICAST=y
CONFIG_IP_ADVANCED_ROUTER=y     CONFIG_IP_ADVANCED_ROUTER=y
CONFIG_ASK_IP_FIB_HASH=y        CONFIG_ASK_IP_FIB_HASH=y
# CONFIG_IP_FIB_TRIE is not set    # CONFIG_IP_FIB_TRIE is not set
CONFIG_IP_FIB_HASH=y           CONFIG_IP_FIB_HASH=y
CONFIG_IP_MULTIPLE_TABLES=y     CONFIG_IP_MULTIPLE_TABLES=y
CONFIG_IP_ROUTE_FWMARK=y        CONFIG_IP_ROUTE_FWMARK=y
CONFIG_IP_ROUTE_MULTIPATH=y     CONFIG_IP_ROUTE_MULTIPATH=y
# CONFIG_IP_ROUTE_MULTIPATH_CACHED is not set # CONFIG_IP_ROUTE_MULTIPATH_CACHED is not set
CONFIG_IP_ROUTE_VERBOSE=y       CONFIG_IP_ROUTE_VERBOSE=y
# CONFIG_IP_PNP is not set        # CONFIG_IP_PNP is not set
CONFIG_NET_IPIP=m               CONFIG_NET_IPIP=m
CONFIG_NET_IPGRE=m             CONFIG_NET_IPGRE=m
CONFIG_NET_IPGRE_BROADCAST=y    CONFIG_NET_IPGRE_BROADCAST=y
CONFIG_IP_MROUTE=y              CONFIG_IP_MROUTE=y
CONFIG_IP_PIMSM_V1=y           CONFIG_IP_PIMSM_V1=y
CONFIG_IP_PIMSM_V2=y           CONFIG_IP_PIMSM_V2=y
# CONFIG_ARPD is not set         # CONFIG_ARPD is not set
CONFIG_SYN_COOKIES=y           CONFIG_SYN_COOKIES=y
CONFIG_INET_AH=m                CONFIG_INET_AH=m
CONFIG_INET_ESP=m              CONFIG_INET_ESP=m
CONFIG_INET_IPCOMP=m           CONFIG_INET_IPCOMP=m
CONFIG_INET_XFRM_TUNNEL=m       CONFIG_INET_XFRM_TUNNEL=m
CONFIG_INET_TUNNEL=m           CONFIG_INET_TUNNEL=m
CONFIG_INET_XFRM_MODE_TRANSPORT=m CONFIG_INET_XFRM_MODE_TRANSPORT=m
CONFIG_INET_XFRM_MODE_TUNNEL=m CONFIG_INET_XFRM_MODE_TUNNEL=m
CONFIG_INET_DIAG=m             CONFIG_INET_DIAG=m
CONFIG_INET_TCP_DIAG=m         CONFIG_INET_TCP_DIAG=m
CONFIG_TCP_CONG_ADVANCED=y      CONFIG_TCP_CONG_ADVANCED=y

#           #
# TCP congestion control        # TCP congestion control
#           #
CONFIG_TCP_CONG_BIC=y           CONFIG_TCP_CONG_BIC=y
CONFIG_TCP_CONG_CUBIC=m         CONFIG_TCP_CONG_CUBIC=m
CONFIG_TCP_CONG_WESTWOOD=m      CONFIG_TCP_CONG_WESTWOOD=m
CONFIG_TCP_CONG_HSTCP=m         CONFIG_TCP_CONG_HSTCP=m
CONFIG_TCP_CONG_HTCP=m          CONFIG_TCP_CONG_HTCP=m
CONFIG_TCP_CONG_HYBLA=m         CONFIG_TCP_CONG_HYBLA=m
CONFIG_TCP_CONG_VEGAS=m         CONFIG_TCP_CONG_VEGAS=m
CONFIG_TCP_CONG_SCALABLE=m      CONFIG_TCP_CONG_SCALABLE=m
CONFIG_TCP_CONG_LP=m            CONFIG_TCP_CONG_LP=m
CONFIG_TCP_CONG_VENO=m          CONFIG_TCP_CONG_VENO=m

#           #
# IP: Virtual Server Configuration # IP: Virtual Server Configuration
#           #
CONFIG_IP_VS=m                  CONFIG_IP_VS=m
# CONFIG_IP_VS_DEBUG is not set    # CONFIG_IP_VS_DEBUG is not set
CONFIG_IP_VS_TAB_BITS=12        CONFIG_IP_VS_TAB_BITS=12

#           #
# IPVS transport protocol load balancing support # IPVS transport protocol load balancing support
#           #
CONFIG_IP_VS_PROTO_TCP=y        CONFIG_IP_VS_PROTO_TCP=y
CONFIG_IP_VS_PROTO_UDP=y        CONFIG_IP_VS_PROTO_UDP=y

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CONFIG_IP_VS_PROTO_ESP=y      CONFIG_IP_VS_PROTO_ESP=y
CONFIG_IP_VS_PROTO_AH=y      CONFIG_IP_VS_PROTO_AH=y

#      #
# IPVS scheduler      # IPVS scheduler
#      #
CONFIG_IP_VS_RR=m      CONFIG_IP_VS_RR=m
CONFIG_IP_VS_WRR=m      CONFIG_IP_VS_WRR=m
CONFIG_IP_VS_LC=m      CONFIG_IP_VS_LC=m
CONFIG_IP_VS_WLC=m      CONFIG_IP_VS_WLC=m
CONFIG_IP_VS_LBLC=m      CONFIG_IP_VS_LBLC=m
CONFIG_IP_VS_LBLCR=m      CONFIG_IP_VS_LBLCR=m
CONFIG_IP_VS_DH=m      CONFIG_IP_VS_DH=m
CONFIG_IP_VS_SH=m      CONFIG_IP_VS_SH=m
CONFIG_IP_VS_SED=m      CONFIG_IP_VS_SED=m
CONFIG_IP_VS_NQ=m      CONFIG_IP_VS_NQ=m

#      #
# IPVS application helper      # IPVS application helper
#      #
CONFIG_IP_VS_FTP=m      CONFIG_IP_VS_FTP=m
CONFIG_IPV6=m      CONFIG_IPV6=m
CONFIG_IPV6_PRIVACY=y      CONFIG_IPV6_PRIVACY=y
CONFIG_IPV6_ROUTER_PREF=y      CONFIG_IPV6_ROUTER_PREF=y
CONFIG_IPV6_ROUTE_INFO=y      CONFIG_IPV6_ROUTE_INFO=y
CONFIG_INET6_AH=m      CONFIG_INET6_AH=m
CONFIG_INET6_ESP=m      CONFIG_INET6_ESP=m
CONFIG_INET6_IPCOMP=m      CONFIG_INET6_IPCOMP=m
CONFIG_INET6_XFRM_TUNNEL=m      CONFIG_INET6_XFRM_TUNNEL=m
CONFIG_INET6_TUNNEL=m      CONFIG_INET6_TUNNEL=m
CONFIG_INET6_XFRM_MODE_TRANSPORT=m      CONFIG_INET6_XFRM_MODE_TRANSPORT=m
CONFIG_INET6_XFRM_MODE_TUNNEL=m      CONFIG_INET6_XFRM_MODE_TUNNEL=m
CONFIG_IPV6_TUNNEL=m      CONFIG_IPV6_TUNNEL=m
# CONFIG_IPV6_SUBTREES is not set      # CONFIG_IPV6_SUBTREES is not set
CONFIG_IPV6_MULTIPLE_TABLES=y      CONFIG_IPV6_MULTIPLE_TABLES=y
CONFIG_IPV6_ROUTE_FWMARK=y      CONFIG_IPV6_ROUTE_FWMARK=y
CONFIG_NETWORK_SECMARK=y      CONFIG_NETWORK_SECMARK=y
CONFIG_NETFILTER=y      CONFIG_NETFILTER=y
# CONFIG_NETFILTER_DEBUG is not set      # CONFIG_NETFILTER_DEBUG is not set
CONFIG_BRIDGE_NETFILTER=y      CONFIG_BRIDGE_NETFILTER=y

#      #
# Core Netfilter Configuration      # Core Netfilter Configuration
#      #
CONFIG_NETFILTER_NETLINK=m      CONFIG_NETFILTER_NETLINK=m
CONFIG_NETFILTER_NETLINK_QUEUE=m      CONFIG_NETFILTER_NETLINK_QUEUE=m
CONFIG_NETFILTER_NETLINK_LOG=m      CONFIG_NETFILTER_NETLINK_LOG=m
CONFIG_NETFILTER_XTABLES=m      CONFIG_NETFILTER_XTABLES=m
CONFIG_NETFILTER_XT_TARGET_CLASSIFY=m      CONFIG_NETFILTER_XT_TARGET_CLASSIFY=m
CONFIG_NETFILTER_XT_TARGET_CONNMARK=m      CONFIG_NETFILTER_XT_TARGET_CONNMARK=m
CONFIG_NETFILTER_XT_TARGET_MARK=m      CONFIG_NETFILTER_XT_TARGET_MARK=m
CONFIG_NETFILTER_XT_TARGET_NFQUEUE=m      CONFIG_NETFILTER_XT_TARGET_NFQUEUE=m
CONFIG_NETFILTER_XT_TARGET_NOTRACK=m      CONFIG_NETFILTER_XT_TARGET_NOTRACK=m
CONFIG_NETFILTER_XT_TARGET_SECMARK=m      CONFIG_NETFILTER_XT_TARGET_SECMARK=m
CONFIG_NETFILTER_XT_TARGET_CONNSECMARK=m      CONFIG_NETFILTER_XT_TARGET_CONNSECMARK=m
CONFIG_NETFILTER_XT_MATCH_COMMENT=m      CONFIG_NETFILTER_XT_MATCH_COMMENT=m
CONFIG_NETFILTER_XT_MATCH_CONNBYTES=m      CONFIG_NETFILTER_XT_MATCH_CONNBYTES=m
CONFIG_NETFILTER_XT_MATCH_CONNMARK=m      CONFIG_NETFILTER_XT_MATCH_CONNMARK=m
CONFIG_NETFILTER_XT_MATCH_CONNTRACK=m      CONFIG_NETFILTER_XT_MATCH_CONNTRACK=m
CONFIG_NETFILTER_XT_MATCH_DCCP=m      CONFIG_NETFILTER_XT_MATCH_DCCP=m
CONFIG_NETFILTER_XT_MATCH_ESP=m      CONFIG_NETFILTER_XT_MATCH_ESP=m
CONFIG_NETFILTER_XT_MATCH_HELPER=m      CONFIG_NETFILTER_XT_MATCH_HELPER=m
CONFIG_NETFILTER_XT_MATCH_LENGTH=m      CONFIG_NETFILTER_XT_MATCH_LENGTH=m
CONFIG_NETFILTER_XT_MATCH_LIMIT=m      CONFIG_NETFILTER_XT_MATCH_LIMIT=m
CONFIG_NETFILTER_XT_MATCH_MAC=m      CONFIG_NETFILTER_XT_MATCH_MAC=m
CONFIG_NETFILTER_XT_MATCH_MARK=m      CONFIG_NETFILTER_XT_MATCH_MARK=m
CONFIG_NETFILTER_XT_MATCH_POLICY=m      CONFIG_NETFILTER_XT_MATCH_POLICY=m
CONFIG_NETFILTER_XT_MATCH_MULTIPORT=m      CONFIG_NETFILTER_XT_MATCH_MULTIPORT=m
CONFIG_NETFILTER_XT_MATCH_PHYSDEV=m      CONFIG_NETFILTER_XT_MATCH_PHYSDEV=m
CONFIG_NETFILTER_XT_MATCH_PKTTYPE=m      CONFIG_NETFILTER_XT_MATCH_PKTTYPE=m
CONFIG_NETFILTER_XT_MATCH_QUOTA=m      CONFIG_NETFILTER_XT_MATCH_QUOTA=m
CONFIG_NETFILTER_XT_MATCH_REALM=m      CONFIG_NETFILTER_XT_MATCH_REALM=m
CONFIG_NETFILTER_XT_MATCH_SCTP=m      CONFIG_NETFILTER_XT_MATCH_SCTP=m
CONFIG_NETFILTER_XT_MATCH_STATE=m      CONFIG_NETFILTER_XT_MATCH_STATE=m
CONFIG_NETFILTER_XT_MATCH_STATISTIC=m      CONFIG_NETFILTER_XT_MATCH_STATISTIC=m
CONFIG_NETFILTER_XT_MATCH_STRING=m      CONFIG_NETFILTER_XT_MATCH_STRING=m
CONFIG_NETFILTER_XT_MATCH_TCPMSS=m      CONFIG_NETFILTER_XT_MATCH_TCPMSS=m

#      #

```



```

# IP: Netfilter Configuration      # IP: Netfilter Configuration
#                                #
CONFIG_IP_NF_CONNTRACK=m          CONFIG_IP_NF_CONNTRACK=m
CONFIG_IP_NF_CT_ACCT=y            CONFIG_IP_NF_CT_ACCT=y
CONFIG_IP_NF_CONNTRACK_MARK=y     CONFIG_IP_NF_CONNTRACK_MARK=y
CONFIG_IP_NF_CONNTRACK_SECMARK=y  CONFIG_IP_NF_CONNTRACK_SECMARK=y
CONFIG_IP_NF_CONNTRACK_EVENTS=y   CONFIG_IP_NF_CONNTRACK_EVENTS=y
CONFIG_IP_NF_CONNTRACK_NETLINK=m  CONFIG_IP_NF_CONNTRACK_NETLINK=m
CONFIG_IP_NF_CT_PROTO_SCTP=m      CONFIG_IP_NF_CT_PROTO_SCTP=m
CONFIG_IP_NF_FTP=m                CONFIG_IP_NF_FTP=m
CONFIG_IP_NF_IRC=m                CONFIG_IP_NF_IRC=m
CONFIG_IP_NF_NETBIOS_NS=m         CONFIG_IP_NF_NETBIOS_NS=m
CONFIG_IP_NF_TFTP=m               CONFIG_IP_NF_TFTP=m
CONFIG_IP_NF_AMANDA=m             CONFIG_IP_NF_AMANDA=m
CONFIG_IP_NF_PPTP=m               CONFIG_IP_NF_PPTP=m
CONFIG_IP_NF_H323=m               CONFIG_IP_NF_H323=m
CONFIG_IP_NF_SIP=m                CONFIG_IP_NF_SIP=m
CONFIG_IP_NF_QUEUE=m              CONFIG_IP_NF_QUEUE=m
CONFIG_IP_NF_IPTABLES=m           CONFIG_IP_NF_IPTABLES=m
CONFIG_IP_NF_MATCH_IPRANGE=m      CONFIG_IP_NF_MATCH_IPRANGE=m
CONFIG_IP_NF_MATCH_TOS=m          CONFIG_IP_NF_MATCH_TOS=m
CONFIG_IP_NF_MATCH_RECENT=m       CONFIG_IP_NF_MATCH_RECENT=m
CONFIG_IP_NF_MATCH_ECN=m          CONFIG_IP_NF_MATCH_ECN=m
CONFIG_IP_NF_MATCH_DSCP=m         CONFIG_IP_NF_MATCH_DSCP=m
CONFIG_IP_NF_MATCH_AH=m           CONFIG_IP_NF_MATCH_AH=m
CONFIG_IP_NF_MATCH_TTL=m          CONFIG_IP_NF_MATCH_TTL=m
CONFIG_IP_NF_MATCH_OWNER=m         CONFIG_IP_NF_MATCH_OWNER=m
CONFIG_IP_NF_MATCH_ADDRTYPE=m      CONFIG_IP_NF_MATCH_ADDRTYPE=m
CONFIG_IP_NF_MATCH_HASHLIMIT=m     CONFIG_IP_NF_MATCH_HASHLIMIT=m
CONFIG_IP_NF_FILTER=m             CONFIG_IP_NF_FILTER=m
CONFIG_IP_NF_TARGET_REJECT=m       CONFIG_IP_NF_TARGET_REJECT=m
CONFIG_IP_NF_TARGET_LOG=m          CONFIG_IP_NF_TARGET_LOG=m
CONFIG_IP_NF_TARGET_ULOG=m         CONFIG_IP_NF_TARGET_ULOG=m
CONFIG_IP_NF_TARGET_TCPMSS=m       CONFIG_IP_NF_TARGET_TCPMSS=m
CONFIG_IP_NF_NAT=m                CONFIG_IP_NF_NAT=m
CONFIG_IP_NF_NAT_NEEDED=y          CONFIG_IP_NF_NAT_NEEDED=y
CONFIG_IP_NF_TARGET_MASQUERADE=m   CONFIG_IP_NF_TARGET_MASQUERADE=m
CONFIG_IP_NF_TARGET_REDIRECT=m     CONFIG_IP_NF_TARGET_REDIRECT=m
CONFIG_IP_NF_TARGET_NETMAP=m       CONFIG_IP_NF_TARGET_NETMAP=m
CONFIG_IP_NF_TARGET_SAME=m         CONFIG_IP_NF_TARGET_SAME=m
CONFIG_IP_NF_NAT_SNMP_BASIC=m      CONFIG_IP_NF_NAT_SNMP_BASIC=m
CONFIG_IP_NF_NAT_IRC=m             CONFIG_IP_NF_NAT_IRC=m
CONFIG_IP_NF_NAT_FTP=m             CONFIG_IP_NF_NAT_FTP=m
CONFIG_IP_NF_NAT_TFTP=m            CONFIG_IP_NF_NAT_TFTP=m
CONFIG_IP_NF_NAT_AMANDA=m          CONFIG_IP_NF_NAT_AMANDA=m
CONFIG_IP_NF_NAT_PPTP=m            CONFIG_IP_NF_NAT_PPTP=m
CONFIG_IP_NF_NAT_H323=m            CONFIG_IP_NF_NAT_H323=m
CONFIG_IP_NF_NAT_SIP=m             CONFIG_IP_NF_NAT_SIP=m
CONFIG_IP_NF_MANGLE=m              CONFIG_IP_NF_MANGLE=m
CONFIG_IP_NF_TARGET_TOS=m          CONFIG_IP_NF_TARGET_TOS=m
CONFIG_IP_NF_TARGET_ECN=m          CONFIG_IP_NF_TARGET_ECN=m
CONFIG_IP_NF_TARGET_DSCP=m         CONFIG_IP_NF_TARGET_DSCP=m
CONFIG_IP_NF_TARGET_TTL=m          CONFIG_IP_NF_TARGET_TTL=m
CONFIG_IP_NF_TARGET_CLUSTERIP=m    CONFIG_IP_NF_TARGET_CLUSTERIP=m
CONFIG_IP_NF_RAW=m                 CONFIG_IP_NF_RAW=m
CONFIG_IP_NF_ARPTABLES=m           CONFIG_IP_NF_ARPTABLES=m
CONFIG_IP_NF_ARPFILTER=m           CONFIG_IP_NF_ARPFILTER=m
CONFIG_IP_NF_ARP_MANGLE=m          CONFIG_IP_NF_ARP_MANGLE=m

#                                #
# IPv6: Netfilter Configuration (EXPERIMENTAL)  # IPv6: Netfilter Configuration (EXPERIMENTAL)
#                                #
CONFIG_IP6_NF_QUEUE=m              CONFIG_IP6_NF_QUEUE=m
CONFIG_IP6_NF_IPTABLES=m           CONFIG_IP6_NF_IPTABLES=m
CONFIG_IP6_NF_MATCH_RT=m           CONFIG_IP6_NF_MATCH_RT=m
CONFIG_IP6_NF_MATCH_OPTS=m         CONFIG_IP6_NF_MATCH_OPTS=m
CONFIG_IP6_NF_MATCH_FRAG=m         CONFIG_IP6_NF_MATCH_FRAG=m
CONFIG_IP6_NF_MATCH_HL=m           CONFIG_IP6_NF_MATCH_HL=m
CONFIG_IP6_NF_MATCH_OWNER=m         CONFIG_IP6_NF_MATCH_OWNER=m
CONFIG_IP6_NF_MATCH_IPV6HEADER=m    CONFIG_IP6_NF_MATCH_IPV6HEADER=m
CONFIG_IP6_NF_MATCH_AH=m           CONFIG_IP6_NF_MATCH_AH=m
CONFIG_IP6_NF_MATCH_EUI64=m        CONFIG_IP6_NF_MATCH_EUI64=m
CONFIG_IP6_NF_FILTER=m             CONFIG_IP6_NF_FILTER=m
CONFIG_IP6_NF_TARGET_LOG=m          CONFIG_IP6_NF_TARGET_LOG=m
CONFIG_IP6_NF_TARGET_REJECT=m       CONFIG_IP6_NF_TARGET_REJECT=m
CONFIG_IP6_NF_MANGLE=m             CONFIG_IP6_NF_MANGLE=m
CONFIG_IP6_NF_TARGET_HL=m          CONFIG_IP6_NF_TARGET_HL=m
CONFIG_IP6_NF_RAW=m                CONFIG_IP6_NF_RAW=m

```

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# #
# Bridge: Netfilter Configuration # Bridge: Netfilter Configuration
# #
CONFIG_BRIDGE_NF_EBTABLES=m CONFIG_BRIDGE_NF_EBTABLES=m
CONFIG_BRIDGE_EBT_BROUTE=m CONFIG_BRIDGE_EBT_BROUTE=m
CONFIG_BRIDGE_EBT_T_FILTER=m CONFIG_BRIDGE_EBT_T_FILTER=m
CONFIG_BRIDGE_EBT_T_NAT=m CONFIG_BRIDGE_EBT_T_NAT=m
CONFIG_BRIDGE_EBT_802_3=m CONFIG_BRIDGE_EBT_802_3=m
CONFIG_BRIDGE_EBT_AMONG=m CONFIG_BRIDGE_EBT_AMONG=m
CONFIG_BRIDGE_EBT_ARP=m CONFIG_BRIDGE_EBT_ARP=m
CONFIG_BRIDGE_EBT_IP=m CONFIG_BRIDGE_EBT_IP=m
CONFIG_BRIDGE_EBT_LIMIT=m CONFIG_BRIDGE_EBT_LIMIT=m
CONFIG_BRIDGE_EBT_MARK=m CONFIG_BRIDGE_EBT_MARK=m
CONFIG_BRIDGE_EBT_PKTTYPE=m CONFIG_BRIDGE_EBT_PKTTYPE=m
CONFIG_BRIDGE_EBT_STP=m CONFIG_BRIDGE_EBT_STP=m
CONFIG_BRIDGE_EBT_VLAN=m CONFIG_BRIDGE_EBT_VLAN=m
CONFIG_BRIDGE_EBT_ARPREPLY=m CONFIG_BRIDGE_EBT_ARPREPLY=m
CONFIG_BRIDGE_EBT_DNAT=m CONFIG_BRIDGE_EBT_DNAT=m
CONFIG_BRIDGE_EBT_MARK_T=m CONFIG_BRIDGE_EBT_MARK_T=m
CONFIG_BRIDGE_EBT_REDIRECT=m CONFIG_BRIDGE_EBT_REDIRECT=m
CONFIG_BRIDGE_EBT_SNAT=m CONFIG_BRIDGE_EBT_SNAT=m
CONFIG_BRIDGE_EBT_LOG=m CONFIG_BRIDGE_EBT_LOG=m
CONFIG_BRIDGE_EBT_ULOG=m CONFIG_BRIDGE_EBT_ULOG=m

# #
# DCCP Configuration (EXPERIMENTAL) # DCCP Configuration (EXPERIMENTAL)
# #
CONFIG_IP_DCCP=m CONFIG_IP_DCCP=m
CONFIG_INET_DCCP_DIAG=m CONFIG_INET_DCCP_DIAG=m
CONFIG_IP_DCCP_ACKVEC=y CONFIG_IP_DCCP_ACKVEC=y

# #
# DCCP CCIDs Configuration (EXPERIMENTAL) # DCCP CCIDs Configuration (EXPERIMENTAL)
# #
CONFIG_IP_DCCP_CCID2=m CONFIG_IP_DCCP_CCID2=m
CONFIG_IP_DCCP_CCID3=m CONFIG_IP_DCCP_CCID3=m
CONFIG_IP_DCCP_TFRC_LIB=m CONFIG_IP_DCCP_TFRC_LIB=m

# #
# DCCP Kernel Hacking # DCCP Kernel Hacking
# #
# CONFIG_IP_DCCP_DEBUG is not set # CONFIG_IP_DCCP_DEBUG is not set

# #
# SCTP Configuration (EXPERIMENTAL) # SCTP Configuration (EXPERIMENTAL)
# #
CONFIG_IP_SCTP=m CONFIG_IP_SCTP=m
# CONFIG_SCTP_DBG_MSG is not set # CONFIG_SCTP_DBG_MSG is not set
# CONFIG_SCTP_DBG_OBJCNT is not set # CONFIG_SCTP_DBG_OBJCNT is not set
# CONFIG_SCTP_HMAC_NONE is not set # CONFIG_SCTP_HMAC_NONE is not set
# CONFIG_SCTP_HMAC_SHA1 is not set # CONFIG_SCTP_HMAC_SHA1 is not set
CONFIG_SCTP_HMAC_MD5=y CONFIG_SCTP_HMAC_MD5=y

# #
# TIPC Configuration (EXPERIMENTAL) # TIPC Configuration (EXPERIMENTAL)
# #
CONFIG_TIPC=m CONFIG_TIPC=m
# CONFIG_TIPC_ADVANCED is not set # CONFIG_TIPC_ADVANCED is not set
# CONFIG_TIPC_DEBUG is not set # CONFIG_TIPC_DEBUG is not set
CONFIG_ATM=m CONFIG_ATM=m
CONFIG_ATM_CLIP=m CONFIG_ATM_CLIP=m
# CONFIG_ATM_CLIP_NO_ICMP is not set # CONFIG_ATM_CLIP_NO_ICMP is not set
CONFIG_ATM_LANE=m CONFIG_ATM_LANE=m
# CONFIG_ATM_MPOA is not set # CONFIG_ATM_MPOA is not set
CONFIG_ATM_BR2684=m CONFIG_ATM_BR2684=m
# CONFIG_ATM_BR2684_IPFILTER is not set # CONFIG_ATM_BR2684_IPFILTER is not set
CONFIG_BRIDGE=m CONFIG_BRIDGE=m
CONFIG_VLAN_8021Q=m CONFIG_VLAN_8021Q=m
# CONFIG_DECNET is not set # CONFIG_DECNET is not set
CONFIG_LLC=y CONFIG_LLC=y
# CONFIG_LLC2 is not set # CONFIG_LLC2 is not set
# CONFIG_IPX is not set | CONFIG_IPX=m
# CONFIG_ATALK is not set | CONFIG_IPX_INTERN=y
> CONFIG_ATALK=m
> CONFIG_DEV_APPLETALK=m
> CONFIG_IPDDP=m
> CONFIG_IPDDP_ENCAP=y
> CONFIG_IPDDP_DECAP=y
# CONFIG_X25 is not set # CONFIG_X25 is not set

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# CONFIG_LAPB is not set      # CONFIG_LAPB is not set
# CONFIG_ECONET is not set    # CONFIG_ECONET is not set
# CONFIG_WAN_ROUTER is not set # CONFIG_WAN_ROUTER is not set

#
#
# QoS and/or fair queueing    # QoS and/or fair queueing
#
CONFIG_NET_SCHED=y            CONFIG_NET_SCHED=y
# CONFIG_NET_SCH_CLK_JIFFIES is not set # CONFIG_NET_SCH_CLK_JIFFIES is not set
CONFIG_NET_SCH_CLK_GETTIMEOFDAY=y CONFIG_NET_SCH_CLK_GETTIMEOFDAY=y
# CONFIG_NET_SCH_CLK_CPU is not set    # CONFIG_NET_SCH_CLK_CPU is not set

#
#
# Queueing/Scheduling          # Queueing/Scheduling
#
CONFIG_NET_SCH_CBQ=m          CONFIG_NET_SCH_CBQ=m
CONFIG_NET_SCH_HTB=m          CONFIG_NET_SCH_HTB=m
CONFIG_NET_SCH_HFSC=m         CONFIG_NET_SCH_HFSC=m
CONFIG_NET_SCH_ATM=m          CONFIG_NET_SCH_ATM=m
CONFIG_NET_SCH_PRIO=m         CONFIG_NET_SCH_PRIO=m
CONFIG_NET_SCH_RED=m          CONFIG_NET_SCH_RED=m
CONFIG_NET_SCH_SFQ=m          CONFIG_NET_SCH_SFQ=m
CONFIG_NET_SCH_TEQL=m         CONFIG_NET_SCH_TEQL=m
CONFIG_NET_SCH_TBF=m          CONFIG_NET_SCH_TBF=m
CONFIG_NET_SCH_GRED=m         CONFIG_NET_SCH_GRED=m
CONFIG_NET_SCH_DSMARK=m       CONFIG_NET_SCH_DSMARK=m
CONFIG_NET_SCH_NETEM=m        CONFIG_NET_SCH_NETEM=m
CONFIG_NET_SCH_INGRESS=m      CONFIG_NET_SCH_INGRESS=m

#
#
# Classification                # Classification
#
CONFIG_NET_CLS=y              CONFIG_NET_CLS=y
CONFIG_NET_CLS_BASIC=m        CONFIG_NET_CLS_BASIC=m
CONFIG_NET_CLS_TCINDEX=m      CONFIG_NET_CLS_TCINDEX=m
CONFIG_NET_CLS_ROUTE4=m       CONFIG_NET_CLS_ROUTE4=m
CONFIG_NET_CLS_ROUTE=y        CONFIG_NET_CLS_ROUTE=y
CONFIG_NET_CLS_FW=m           CONFIG_NET_CLS_FW=m
CONFIG_NET_CLS_U32=m          CONFIG_NET_CLS_U32=m
CONFIG_CLS_U32_PERF=y         CONFIG_CLS_U32_PERF=y
CONFIG_CLS_U32_MARK=y         CONFIG_CLS_U32_MARK=y
CONFIG_NET_CLS_RSVP=m         CONFIG_NET_CLS_RSVP=m
CONFIG_NET_CLS_RSVP6=m        CONFIG_NET_CLS_RSVP6=m
CONFIG_NET_EMATCH=y           CONFIG_NET_EMATCH=y
CONFIG_NET_EMATCH_STACK=32    CONFIG_NET_EMATCH_STACK=32
CONFIG_NET_EMATCH_CMP=m       CONFIG_NET_EMATCH_CMP=m
CONFIG_NET_EMATCH_NBYTE=m     CONFIG_NET_EMATCH_NBYTE=m
CONFIG_NET_EMATCH_U32=m       CONFIG_NET_EMATCH_U32=m
CONFIG_NET_EMATCH_META=m      CONFIG_NET_EMATCH_META=m
CONFIG_NET_EMATCH_TEXT=m      CONFIG_NET_EMATCH_TEXT=m
CONFIG_NET_CLS_ACT=y          CONFIG_NET_CLS_ACT=y
CONFIG_NET_ACT_POLICE=m       CONFIG_NET_ACT_POLICE=m
CONFIG_NET_ACT_GACT=m         CONFIG_NET_ACT_GACT=m
CONFIG_GACT_PROB=y            CONFIG_GACT_PROB=y
CONFIG_NET_ACT_MIRRED=m       CONFIG_NET_ACT_MIRRED=m
CONFIG_NET_ACT_IPT=m          CONFIG_NET_ACT_IPT=m
CONFIG_NET_ACT_PEDIT=m        CONFIG_NET_ACT_PEDIT=m
CONFIG_NET_ACT_SIMP=m         CONFIG_NET_ACT_SIMP=m
CONFIG_NET_CLS_IND=y          CONFIG_NET_CLS_IND=y
CONFIG_NET_ESTIMATOR=y        CONFIG_NET_ESTIMATOR=y

#
#
# Network testing                # Network testing
#
CONFIG_NET_PKTGEN=m           CONFIG_NET_PKTGEN=m
# CONFIG_NET_TCPPROBE is not set # CONFIG_NET_TCPPROBE is not set
# CONFIG_HAMRADIO is not set    # CONFIG_HAMRADIO is not set
# CONFIG_IRDA is not set        # CONFIG_IRDA is not set
CONFIG_BT=m                   CONFIG_BT=m
CONFIG_BT_L2CAP=m             CONFIG_BT_L2CAP=m
CONFIG_BT_SCO=m               CONFIG_BT_SCO=m
CONFIG_BT_RFCOMM=m           CONFIG_BT_RFCOMM=m
CONFIG_BT_RFCOMM_TTY=y       CONFIG_BT_RFCOMM_TTY=y
CONFIG_BT_BNEP=m              CONFIG_BT_BNEP=m
CONFIG_BT_BNEP_MC_FILTER=y    CONFIG_BT_BNEP_MC_FILTER=y
CONFIG_BT_BNEP_PROTO_FILTER=y CONFIG_BT_BNEP_PROTO_FILTER=y
CONFIG_BT_CMTP=m              CONFIG_BT_CMTP=m
CONFIG_BT_HIDP=m              CONFIG_BT_HIDP=m

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# #
# Bluetooth device drivers      # Bluetooth device drivers
# #
CONFIG_BT_HCIUSB=m             CONFIG_BT_HCIUSB=m
CONFIG_BT_HCIUSB_SCO=y         CONFIG_BT_HCIUSB_SCO=y
CONFIG_BT_HCIUART=m            CONFIG_BT_HCIUART=m
CONFIG_BT_HCIUART_H4=y         CONFIG_BT_HCIUART_H4=y
CONFIG_BT_HCIUART_BCSP=y       CONFIG_BT_HCIUART_BCSP=y
CONFIG_BT_HCIBCM203X=m         CONFIG_BT_HCIBCM203X=m
CONFIG_BT_HCIBPA10X=m          CONFIG_BT_HCIBPA10X=m
CONFIG_BT_HCIBFUSB=m           CONFIG_BT_HCIBFUSB=m
CONFIG_BT_HCIDTL1=m            CONFIG_BT_HCIDTL1=m
CONFIG_BT_HCIBT3C=m            CONFIG_BT_HCIBT3C=m
CONFIG_BT_HCIBLUECARD=m        CONFIG_BT_HCIBLUECARD=m
CONFIG_BT_HCIBTUART=m          CONFIG_BT_HCIBTUART=m
CONFIG_BT_HCIHVCI=m            CONFIG_BT_HCIHVCI=m
CONFIG_IEEE80211=m             CONFIG_IEEE80211=m
# CONFIG_IEEE80211_DEBUG is not set # CONFIG_IEEE80211_DEBUG is not set
CONFIG_IEEE80211_CRYPT_WEP=m    CONFIG_IEEE80211_CRYPT_WEP=m
CONFIG_IEEE80211_CRYPT_CCMP=m   CONFIG_IEEE80211_CRYPT_CCMP=m
CONFIG_IEEE80211_CRYPT_TKIP=m   CONFIG_IEEE80211_CRYPT_TKIP=m
CONFIG_IEEE80211_SOFTMAC=m      CONFIG_IEEE80211_SOFTMAC=m
CONFIG_IEEE80211_SOFTMAC_DEBUG=y CONFIG_IEEE80211_SOFTMAC_DEBUG=y
CONFIG_TUX=m                    CONFIG_TUX=m

# #
# TUX options                  # TUX options
# #
CONFIG_TUX_EXTCGI=y            CONFIG_TUX_EXTCGI=y
CONFIG_TUX_EXTENDED_LOG=y      CONFIG_TUX_EXTENDED_LOG=y
# CONFIG_TUX_DEBUG is not set   # CONFIG_TUX_DEBUG is not set
CONFIG_WIRELESS_EXT=y          CONFIG_WIRELESS_EXT=y
CONFIG_NETLABEL=y              CONFIG_NETLABEL=y
CONFIG_FIB_RULES=y             CONFIG_FIB_RULES=y

# #
# Device Drivers               # Device Drivers
# #

# #
# Generic Driver Options       # Generic Driver Options
# #
CONFIG_STANDALONE=y            CONFIG_STANDALONE=y
CONFIG_PREVENT_FIRMWARE_BUILD=y CONFIG_PREVENT_FIRMWARE_BUILD=y
CONFIG_FW_LOADER=y             CONFIG_FW_LOADER=y
# CONFIG_DEBUG_DRIVER is not set # CONFIG_DEBUG_DRIVER is not set
# CONFIG_SYS_HYPERVISOR is not set # CONFIG_SYS_HYPERVISOR is not set

# #
# Connector - unified userspace <-> kernelspace linker # Connector - unified userspace <-> kern
# #
CONFIG_CONNECTOR=y             CONFIG_CONNECTOR=y
CONFIG_PROC_EVENTS=y           CONFIG_PROC_EVENTS=y

# #
# Memory Technology Devices (MTD) # Memory Technology Devices (MTD)
# #
CONFIG_MTD=m                   CONFIG_MTD=m
# CONFIG_MTD_DEBUG is not set     # CONFIG_MTD_DEBUG is not set
CONFIG_MTD_CONCAT=m            CONFIG_MTD_CONCAT=m
CONFIG_MTD_PARTITIONS=y         CONFIG_MTD_PARTITIONS=y
CONFIG_MTD_REDBOOT_PARTS=m      CONFIG_MTD_REDBOOT_PARTS=m
CONFIG_MTD_REDBOOT_DIRECTORY_BLOCK=-1 CONFIG_MTD_REDBOOT_DIRECTORY_BLOCK=-1
# CONFIG_MTD_REDBOOT_PARTS_UNALLOCATED is not set # CONFIG_MTD_REDBOOT_PARTS_UNALLOCATED is not
# CONFIG_MTD_REDBOOT_PARTS_READONLY is not set   # CONFIG_MTD_REDBOOT_PARTS_READONLY is not set
CONFIG_MTD_CMDLINE_PARTS=y      CONFIG_MTD_CMDLINE_PARTS=y

# #
# User Modules And Translation Layers # User Modules And Translation Layers
# #
CONFIG_MTD_CHAR=m              CONFIG_MTD_CHAR=m
CONFIG_MTD_BLOCK=m             CONFIG_MTD_BLOCK=m
CONFIG_MTD_BLOCK_RO=m          CONFIG_MTD_BLOCK_RO=m
CONFIG_FTL=m                   CONFIG_FTL=m
CONFIG_NFTL=m                  CONFIG_NFTL=m
CONFIG_NFTL_RW=y               CONFIG_NFTL_RW=y
# CONFIG_INFTL is not set         # CONFIG_INFTL is not set
CONFIG_RFD_FTL=m               CONFIG_RFD_FTL=m

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```

# #
# RAM/ROM/Flash chip drivers # RAM/ROM/Flash chip drivers
# #
CONFIG_MTD_CFI=m CONFIG_MTD_CFI=m
CONFIG_MTD_JEDEC_PROBE=m CONFIG_MTD_JEDEC_PROBE=m
CONFIG_MTD_GEN_PROBE=m CONFIG_MTD_GEN_PROBE=m
# CONFIG_MTD_CFI_ADV_OPTIONS is not set # CONFIG_MTD_CFI_ADV_OPTIONS is not set
CONFIG_MTD_MAP_BANK_WIDTH_1=y CONFIG_MTD_MAP_BANK_WIDTH_1=y
CONFIG_MTD_MAP_BANK_WIDTH_2=y CONFIG_MTD_MAP_BANK_WIDTH_2=y
CONFIG_MTD_MAP_BANK_WIDTH_4=y CONFIG_MTD_MAP_BANK_WIDTH_4=y
# CONFIG_MTD_MAP_BANK_WIDTH_8 is not set # CONFIG_MTD_MAP_BANK_WIDTH_8 is not set
# CONFIG_MTD_MAP_BANK_WIDTH_16 is not set # CONFIG_MTD_MAP_BANK_WIDTH_16 is not set
# CONFIG_MTD_MAP_BANK_WIDTH_32 is not set # CONFIG_MTD_MAP_BANK_WIDTH_32 is not set
CONFIG_MTD_CFI_I1=y CONFIG_MTD_CFI_I1=y
CONFIG_MTD_CFI_I2=y CONFIG_MTD_CFI_I2=y
# CONFIG_MTD_CFI_I4 is not set # CONFIG_MTD_CFI_I4 is not set
# CONFIG_MTD_CFI_I8 is not set # CONFIG_MTD_CFI_I8 is not set
CONFIG_MTD_CFI_INTELEXT=m CONFIG_MTD_CFI_INTELEXT=m
CONFIG_MTD_CFI_AMDSTD=m CONFIG_MTD_CFI_AMDSTD=m
CONFIG_MTD_CFI_STAA=m CONFIG_MTD_CFI_STAA=m
CONFIG_MTD_CFI_UTIL=m CONFIG_MTD_CFI_UTIL=m
CONFIG_MTD_RAM=m CONFIG_MTD_RAM=m
CONFIG_MTD_ROM=m CONFIG_MTD_ROM=m
CONFIG_MTD_ABSENT=m CONFIG_MTD_ABSENT=m
# CONFIG_MTD_OBSOLETE_CHIPS is not set # CONFIG_MTD_OBSOLETE_CHIPS is not set

# #
# Mapping drivers for chip access # Mapping drivers for chip access
# #
# CONFIG_MTD_COMPLEX_MAPPINGS is not set # CONFIG_MTD_COMPLEX_MAPPINGS is not set
# CONFIG_MTD_PHYSMAP is not set # CONFIG_MTD_PHYSMAP is not set
# CONFIG_MTD_PNC2000 is not set # CONFIG_MTD_PNC2000 is not set
CONFIG_MTD_SC520CDP=m CONFIG_MTD_SC520CDP=m
CONFIG_MTD_NETSC520=m CONFIG_MTD_NETSC520=m
CONFIG_MTD_TS5500=m CONFIG_MTD_TS5500=m
# CONFIG_MTD_AMD76XROM is not set # CONFIG_MTD_AMD76XROM is not set
# CONFIG_MTD_ICHXROM is not set # CONFIG_MTD_ICHXROM is not set
CONFIG_MTD_SCB2_FLASH=m CONFIG_MTD_SCB2_FLASH=m
# CONFIG_MTD_NETtel is not set # CONFIG_MTD_NETtel is not set
# CONFIG_MTD_DILNETPC is not set # CONFIG_MTD_DILNETPC is not set
# CONFIG_MTD_L440GX is not set # CONFIG_MTD_L440GX is not set
# CONFIG_MTD_PLATRAM is not set # CONFIG_MTD_PLATRAM is not set

# #
# Self-contained MTD device drivers # Self-contained MTD device drivers
# #
# CONFIG_MTD_PMC551 is not set # CONFIG_MTD_PMC551 is not set
# CONFIG_MTD_SDRAM is not set # CONFIG_MTD_SDRAM is not set
# CONFIG_MTD_PHRAM is not set # CONFIG_MTD_PHRAM is not set
CONFIG_MTD_MTDRAW=m CONFIG_MTD_MTDRAW=m
CONFIG_MTD_MTDRAW_TOTAL_SIZE=4096 CONFIG_MTD_MTDRAW_TOTAL_SIZE=4096
CONFIG_MTD_MTDRAW_ERASE_SIZE=128 CONFIG_MTD_MTDRAW_ERASE_SIZE=128
CONFIG_MTD_BLOCK2MTD=m CONFIG_MTD_BLOCK2MTD=m

# #
# Disk-On-Chip Device Drivers # Disk-On-Chip Device Drivers
# #
# CONFIG_MTD_DOC2000 is not set # CONFIG_MTD_DOC2000 is not set
# CONFIG_MTD_DOC2001 is not set # CONFIG_MTD_DOC2001 is not set
# CONFIG_MTD_DOC2001PLUS is not set # CONFIG_MTD_DOC2001PLUS is not set

# #
# NAND Flash Device Drivers # NAND Flash Device Drivers
# #
CONFIG_MTD_NAND=m CONFIG_MTD_NAND=m
# CONFIG_MTD_NAND_VERIFY_WRITE is not set # CONFIG_MTD_NAND_VERIFY_WRITE is not set
CONFIG_MTD_NAND_ECC_SMC=y CONFIG_MTD_NAND_ECC_SMC=y
CONFIG_MTD_NAND_IDS=m CONFIG_MTD_NAND_IDS=m
CONFIG_MTD_NAND_DISKONCHIP=m CONFIG_MTD_NAND_DISKONCHIP=m
# CONFIG_MTD_NAND_DISKONCHIP_PROBE_ADVANCED is not set # CONFIG_MTD_NAND_DISKONCHIP_PROBE_ADVANCED is not set
CONFIG_MTD_NAND_DISKONCHIP_PROBE_ADDRESS=0 CONFIG_MTD_NAND_DISKONCHIP_PROBE_ADDRESS=0
# CONFIG_MTD_NAND_DISKONCHIP_BBTWRITE is not set # CONFIG_MTD_NAND_DISKONCHIP_BBTWRITE is not set
CONFIG_MTD_NAND_CS553X=m CONFIG_MTD_NAND_CS553X=m
CONFIG_MTD_NAND_NANDSIM=m CONFIG_MTD_NAND_NANDSIM=m

# #
# OneNAND Flash Device Drivers # OneNAND Flash Device Drivers
# #
# CONFIG_MTD_ONENAND is not set # CONFIG_MTD_ONENAND is not set

```

```

#           #
# Parallel port support           # Parallel port support
#           #
CONFIG_PARPORT=m           CONFIG_PARPORT=m
CONFIG_PARPORT_PC=m       CONFIG_PARPORT_PC=m
CONFIG_PARPORT_SERIAL=m   CONFIG_PARPORT_SERIAL=m
# CONFIG_PARPORT_PC_FIFO is not set   # CONFIG_PARPORT_PC_FIFO is not set
# CONFIG_PARPORT_PC_SUPERIO is not set   # CONFIG_PARPORT_PC_SUPERIO is not set
CONFIG_PARPORT_PC_PCMCIA=m   CONFIG_PARPORT_PC_PCMCIA=m
CONFIG_PARPORT_NOT_PC=y     CONFIG_PARPORT_NOT_PC=y
# CONFIG_PARPORT_GSC is not set       # CONFIG_PARPORT_GSC is not set
# CONFIG_PARPORT_AX88796 is not set   # CONFIG_PARPORT_AX88796 is not set
CONFIG_PARPORT_1284=y       CONFIG_PARPORT_1284=y

#           #
# Plug and Play support           # Plug and Play support
#           #
CONFIG_PNP=y           CONFIG_PNP=y
# CONFIG_PNP_DEBUG is not set       # CONFIG_PNP_DEBUG is not set

#           #
# Protocols           # Protocols
#           #
CONFIG_PNPACPI=y       CONFIG_PNPACPI=y

#           #
# Block devices           # Block devices
#           #
CONFIG_BLK_DEV_FD=m     CONFIG_BLK_DEV_FD=m
CONFIG_PARIDE=m         CONFIG_PARIDE=m
CONFIG_PARIDE_PARPORT=m   CONFIG_PARIDE_PARPORT=m

#           #
# Parallel IDE high-level drivers   # Parallel IDE high-level drivers
#           #
CONFIG_PARIDE_PD=m       CONFIG_PARIDE_PD=m
CONFIG_PARIDE_PCD=m      CONFIG_PARIDE_PCD=m
CONFIG_PARIDE_PF=m       CONFIG_PARIDE_PF=m
CONFIG_PARIDE_PT=m       CONFIG_PARIDE_PT=m
CONFIG_PARIDE_PG=m       CONFIG_PARIDE_PG=m

#           #
# Parallel IDE protocol modules     # Parallel IDE protocol modules
#           #
CONFIG_PARIDE_ATEN=m     CONFIG_PARIDE_ATEN=m
CONFIG_PARIDE_BPCK=m     CONFIG_PARIDE_BPCK=m
CONFIG_PARIDE_BPCK6=m    CONFIG_PARIDE_BPCK6=m
CONFIG_PARIDE_COMM=m     CONFIG_PARIDE_COMM=m
CONFIG_PARIDE_DSTR=m     CONFIG_PARIDE_DSTR=m
CONFIG_PARIDE_FIT2=m     CONFIG_PARIDE_FIT2=m
CONFIG_PARIDE_FIT3=m     CONFIG_PARIDE_FIT3=m
CONFIG_PARIDE_EPAT=m     CONFIG_PARIDE_EPAT=m
CONFIG_PARIDE_EPATC8=y   CONFIG_PARIDE_EPATC8=y
CONFIG_PARIDE_EPIA=m     CONFIG_PARIDE_EPIA=m
CONFIG_PARIDE_FRIQ=m     CONFIG_PARIDE_FRIQ=m
CONFIG_PARIDE_FRPW=m     CONFIG_PARIDE_FRPW=m
CONFIG_PARIDE_KBIC=m     CONFIG_PARIDE_KBIC=m
CONFIG_PARIDE_KTTI=m     CONFIG_PARIDE_KTTI=m
CONFIG_PARIDE_ON20=m     CONFIG_PARIDE_ON20=m
CONFIG_PARIDE_ON26=m     CONFIG_PARIDE_ON26=m
CONFIG_BLK_CPQ_DA=m      CONFIG_BLK_CPQ_DA=m
CONFIG_BLK_CPQ_CISS_DA=m   CONFIG_BLK_CPQ_CISS_DA=m
CONFIG_CISS_SCSI_TAPE=y   CONFIG_CISS_SCSI_TAPE=y
CONFIG_BLK_DEV_DAC960=m   CONFIG_BLK_DEV_DAC960=m
# CONFIG_BLK_DEV_UMEM is not set   # CONFIG_BLK_DEV_UMEM is not set
# CONFIG_BLK_DEV_COW_COMMON is not set   # CONFIG_BLK_DEV_COW_COMMON is not set
CONFIG_BLK_DEV_LOOP=m     CONFIG_BLK_DEV_LOOP=m
CONFIG_BLK_DEV_CRYPTLOOP=m   CONFIG_BLK_DEV_CRYPTLOOP=m
CONFIG_BLK_DEV_NBD=m      CONFIG_BLK_DEV_NBD=m
CONFIG_BLK_DEV_SX8=m      CONFIG_BLK_DEV_SX8=m
# CONFIG_BLK_DEV_UB is not set   # CONFIG_BLK_DEV_UB is not set
CONFIG_BLK_DEV_RAM=y       CONFIG_BLK_DEV_RAM=y
CONFIG_BLK_DEV_RAM_COUNT=16   CONFIG_BLK_DEV_RAM_COUNT=16
CONFIG_BLK_DEV_RAM_SIZE=16384   CONFIG_BLK_DEV_RAM_SIZE=16384
CONFIG_BLK_DEV_RAM_BLOCKSIZE=4096   CONFIG_BLK_DEV_RAM_BLOCKSIZE=4096
CONFIG_BLK_DEV_INITRD=y     CONFIG_BLK_DEV_INITRD=y
CONFIG_CDROM_PKTCDVD=m     CONFIG_CDROM_PKTCDVD=m
CONFIG_CDROM_PKTCDVD_BUFFERS=8   CONFIG_CDROM_PKTCDVD_BUFFERS=8

```

```

# CONFIG_CDROM_PKTCDVD_WCACHE is not set # CONFIG_CDROM_PKTCDVD_WCACHE is not set
CONFIG_ATA_OVER_ETH=m CONFIG_ATA_OVER_ETH=m

# #
# ATA/ATAPI/MFM/RLL support # ATA/ATAPI/MFM/RLL support
# #
CONFIG_IDE=y CONFIG_IDE=y
CONFIG_BLK_DEV_IDE=y CONFIG_BLK_DEV_IDE=y

# #
# Please see Documentation/ide.txt for help/info on IDE drive # Please see Documentation/ide.txt
# #
# CONFIG_BLK_DEV_IDE_SATA is not set # CONFIG_BLK_DEV_IDE_SATA is not set
# CONFIG_BLK_DEV_IDE_HD is not set # CONFIG_BLK_DEV_IDE_HD is not set
CONFIG_BLK_DEV_IDEDISK=y CONFIG_BLK_DEV_IDEDISK=y
CONFIG_IDEDISK_MULTI_MODE=y CONFIG_IDEDISK_MULTI_MODE=y
CONFIG_BLK_DEV_IDECS=m CONFIG_BLK_DEV_IDECS=m
CONFIG_BLK_DEV_IDECD=m CONFIG_BLK_DEV_IDECD=m
# CONFIG_BLK_DEV_IDETAPE is not set # CONFIG_BLK_DEV_IDETAPE is not set
CONFIG_BLK_DEV_IDEFLOPPY=y CONFIG_BLK_DEV_IDEFLOPPY=y
CONFIG_BLK_DEV_IDESCSI=m CONFIG_BLK_DEV_IDESCSI=m
CONFIG_IDE_TASK_IOCTL=y CONFIG_IDE_TASK_IOCTL=y

# #
# IDE chipset support/bugfixes # IDE chipset support/bugfixes
# #
CONFIG_IDE_GENERIC=y CONFIG_IDE_GENERIC=y
CONFIG_BLK_DEV_CMD640=y CONFIG_BLK_DEV_CMD640=y
CONFIG_BLK_DEV_CMD640_ENHANCED=y CONFIG_BLK_DEV_CMD640_ENHANCED=y
CONFIG_BLK_DEV_IDEPNP=y CONFIG_BLK_DEV_IDEPNP=y
CONFIG_BLK_DEV_IDEPCI=y CONFIG_BLK_DEV_IDEPCI=y
CONFIG_IDEPCI_SHARE_IRQ=y CONFIG_IDEPCI_SHARE_IRQ=y
# CONFIG_BLK_DEV_OFFBOARD is not set # CONFIG_BLK_DEV_OFFBOARD is not set
CONFIG_BLK_DEV_GENERIC=y CONFIG_BLK_DEV_GENERIC=y
# CONFIG_BLK_DEV_OPTI621 is not set # CONFIG_BLK_DEV_OPTI621 is not set
CONFIG_BLK_DEV_RZ1000=y CONFIG_BLK_DEV_RZ1000=y
CONFIG_BLK_DEV_IDEDMA_PCI=y CONFIG_BLK_DEV_IDEDMA_PCI=y
# CONFIG_BLK_DEV_IDEDMA_FORCED is not set # CONFIG_BLK_DEV_IDEDMA_FORCED is not set
CONFIG_IDEDMA_PCI_AUTO=y CONFIG_IDEDMA_PCI_AUTO=y
# CONFIG_IDEDMA_ONLYDISK is not set # CONFIG_IDEDMA_ONLYDISK is not set
CONFIG_BLK_DEV_AEC62XX=y CONFIG_BLK_DEV_AEC62XX=y
CONFIG_BLK_DEV_ALI15X3=y CONFIG_BLK_DEV_ALI15X3=y
# CONFIG_WDC_ALI15X3 is not set # CONFIG_WDC_ALI15X3 is not set
CONFIG_BLK_DEV_AMD74XX=y CONFIG_BLK_DEV_AMD74XX=y
CONFIG_BLK_DEV_ATIIXP=y CONFIG_BLK_DEV_ATIIXP=y
CONFIG_BLK_DEV_CMD64X=y CONFIG_BLK_DEV_CMD64X=y
CONFIG_BLK_DEV_TRIFLEX=y CONFIG_BLK_DEV_TRIFLEX=y
# CONFIG_BLK_DEV_CY82C693 is not set # CONFIG_BLK_DEV_CY82C693 is not set
CONFIG_BLK_DEV_CS5520=y CONFIG_BLK_DEV_CS5520=y
CONFIG_BLK_DEV_CS5530=y CONFIG_BLK_DEV_CS5530=y
CONFIG_BLK_DEV_CS5535=y CONFIG_BLK_DEV_CS5535=y
CONFIG_BLK_DEV_HPT34X=y CONFIG_BLK_DEV_HPT34X=y
# CONFIG_HPT34X_AUTODMA is not set # CONFIG_HPT34X_AUTODMA is not set
CONFIG_BLK_DEV_HPT366=y CONFIG_BLK_DEV_HPT366=y
# CONFIG_BLK_DEV_SC1200 is not set # CONFIG_BLK_DEV_SC1200 is not set
CONFIG_BLK_DEV_PIIIX=y CONFIG_BLK_DEV_PIIIX=y
CONFIG_BLK_DEV_IT821X=y CONFIG_BLK_DEV_IT821X=y
# CONFIG_BLK_DEV_NS87415 is not set # CONFIG_BLK_DEV_NS87415 is not set
CONFIG_BLK_DEV_PDC202XX_OLD=y CONFIG_BLK_DEV_PDC202XX_OLD=y
# CONFIG_PDC202XX_BURST is not set # CONFIG_PDC202XX_BURST is not set
CONFIG_BLK_DEV_PDC202XX_NEW=y CONFIG_BLK_DEV_PDC202XX_NEW=y
CONFIG_BLK_DEV_SVWKS=y CONFIG_BLK_DEV_SVWKS=y
CONFIG_BLK_DEV_SIIMAGE=y CONFIG_BLK_DEV_SIIMAGE=y
CONFIG_BLK_DEV_SIS5513=y CONFIG_BLK_DEV_SIS5513=y
# CONFIG_BLK_DEV_SLC90E66 is not set # CONFIG_BLK_DEV_SLC90E66 is not set
# CONFIG_BLK_DEV_TRM290 is not set # CONFIG_BLK_DEV_TRM290 is not set
CONFIG_BLK_DEV_VIA82CXXX=y CONFIG_BLK_DEV_VIA82CXXX=y
# CONFIG_IDE_ARM is not set # CONFIG_IDE_ARM is not set
CONFIG_BLK_DEV_IDEDMA=y CONFIG_BLK_DEV_IDEDMA=y
# CONFIG_IDEDMA_IVB is not set # CONFIG_IDEDMA_IVB is not set
CONFIG_IDEDMA_AUTO=y CONFIG_IDEDMA_AUTO=y
# CONFIG_BLK_DEV_HD is not set # CONFIG_BLK_DEV_HD is not set

# #
# SCSI device support # SCSI device support
# #
CONFIG_RAID_ATTRS=m CONFIG_RAID_ATTRS=m
CONFIG_SCSI=m CONFIG_SCSI=m
CONFIG_SCSI_NETLINK=y CONFIG_SCSI_NETLINK=y

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CONFIG_SCSI_PROC_FS=y          CONFIG_SCSI_PROC_FS=y

#          #
# SCSI support type (disk, tape, CD-ROM)  # SCSI support type (disk, tape, CD-ROM)
#          #
CONFIG_BLK_DEV_SD=m           CONFIG_BLK_DEV_SD=m
CONFIG_CHR_DEV_ST=m           CONFIG_CHR_DEV_ST=m
CONFIG_CHR_DEV_OSST=m         CONFIG_CHR_DEV_OSST=m
CONFIG_BLK_DEV_SR=m           CONFIG_BLK_DEV_SR=m
CONFIG_BLK_DEV_SR_VENDOR=y     CONFIG_BLK_DEV_SR_VENDOR=y
CONFIG_CHR_DEV_SG=m           CONFIG_CHR_DEV_SG=m
CONFIG_CHR_DEV_SCH=m          CONFIG_CHR_DEV_SCH=m

#          #
# Some SCSI devices (e.g. CD jukebox) support multiple LUNs # Some SCSI devices (e.g. CD jukebox)
#          #
CONFIG_SCSI_MULTI_LUN=y        CONFIG_SCSI_MULTI_LUN=y
CONFIG_SCSI_CONSTANTS=y        CONFIG_SCSI_CONSTANTS=y
CONFIG_SCSI_LOGGING=y          CONFIG_SCSI_LOGGING=y

#          #
# SCSI Transport          # SCSI Transport
#          #
CONFIG_SCSI_SPI_ATTRS=m        CONFIG_SCSI_SPI_ATTRS=m
CONFIG_SCSI_FC_ATTRS=m         CONFIG_SCSI_FC_ATTRS=m
CONFIG_SCSI_ISCSI_ATTRS=m      CONFIG_SCSI_ISCSI_ATTRS=m
CONFIG_SCSI_SAS_ATTRS=m        CONFIG_SCSI_SAS_ATTRS=m
CONFIG_SCSI_SAS_LIBSAS=m       CONFIG_SCSI_SAS_LIBSAS=m
# CONFIG_SCSI_SAS_LIBSAS_DEBUG is not set  # CONFIG_SCSI_SAS_LIBSAS_DEBUG is not set

#          #
# SCSI low-level drivers    # SCSI low-level drivers
#          #
CONFIG_ISCSI_TCP=m             CONFIG_ISCSI_TCP=m
CONFIG_BLK_DEV_3W_XXXX_RAID=m  CONFIG_BLK_DEV_3W_XXXX_RAID=m
CONFIG_SCSI_3W_9XXX=m          CONFIG_SCSI_3W_9XXX=m
CONFIG_SCSI_ACARD=m            CONFIG_SCSI_ACARD=m
CONFIG_SCSI_AACRAID=m          CONFIG_SCSI_AACRAID=m
CONFIG_SCSI_AIC7XXX=m          CONFIG_SCSI_AIC7XXX=m
CONFIG_AIC7XXX_CMDS_PER_DEVICE=4 CONFIG_AIC7XXX_CMDS_PER_DEVICE=4
CONFIG_AIC7XXX_RESET_DELAY_MS=15000 CONFIG_AIC7XXX_RESET_DELAY_MS=15000
# CONFIG_AIC7XXX_DEBUG_ENABLE is not set  # CONFIG_AIC7XXX_DEBUG_ENABLE is not set
CONFIG_AIC7XXX_DEBUG_MASK=0    CONFIG_AIC7XXX_DEBUG_MASK=0
# CONFIG_AIC7XXX_REG_PRETTY_PRINT is not set  # CONFIG_AIC7XXX_REG_PRETTY_PRINT is not set
CONFIG_SCSI_AIC7XXX_OLD=m       CONFIG_SCSI_AIC7XXX_OLD=m
CONFIG_SCSI_AIC79XX=m          CONFIG_SCSI_AIC79XX=m
CONFIG_AIC79XX_CMDS_PER_DEVICE=4 CONFIG_AIC79XX_CMDS_PER_DEVICE=4
CONFIG_AIC79XX_RESET_DELAY_MS=15000 CONFIG_AIC79XX_RESET_DELAY_MS=15000
# CONFIG_AIC79XX_ENABLE_RD_STRM is not set  # CONFIG_AIC79XX_ENABLE_RD_STRM is not set
# CONFIG_AIC79XX_DEBUG_ENABLE is not set  # CONFIG_AIC79XX_DEBUG_ENABLE is not set
CONFIG_AIC79XX_DEBUG_MASK=0    CONFIG_AIC79XX_DEBUG_MASK=0
# CONFIG_AIC79XX_REG_PRETTY_PRINT is not set  # CONFIG_AIC79XX_REG_PRETTY_PRINT is not set
CONFIG_SCSI_AIC94XX=m          CONFIG_SCSI_AIC94XX=m
# CONFIG_AIC94XX_DEBUG is not set  # CONFIG_AIC94XX_DEBUG is not set
# CONFIG_SCSI_DPT_I2O is not set  # CONFIG_SCSI_DPT_I2O is not set
# CONFIG_SCSI_ADVANSYS is not set  # CONFIG_SCSI_ADVANSYS is not set
CONFIG_MEGARAID_NEWGEN=y        CONFIG_MEGARAID_NEWGEN=y
CONFIG_MEGARAID_MM=m           CONFIG_MEGARAID_MM=m
CONFIG_MEGARAID_MAILBOX=m       CONFIG_MEGARAID_MAILBOX=m
CONFIG_MEGARAID_LEGACY=m        CONFIG_MEGARAID_LEGACY=m
CONFIG_MEGARAID_SAS=m          CONFIG_MEGARAID_SAS=m
CONFIG_SCSI_SATA=m             CONFIG_SCSI_SATA=m
CONFIG_SCSI_SATA_AHCI=m         CONFIG_SCSI_SATA_AHCI=m
CONFIG_SCSI_SATA_SVW=m          CONFIG_SCSI_SATA_SVW=m
CONFIG_SCSI_ATA_PIIX=m         CONFIG_SCSI_ATA_PIIX=m
CONFIG_SCSI_SATA_MV=m          CONFIG_SCSI_SATA_MV=m
CONFIG_SCSI_SATA_NV=m          CONFIG_SCSI_SATA_NV=m
CONFIG_SCSI_PDC_ADMA=m          CONFIG_SCSI_PDC_ADMA=m
CONFIG_SCSI_HPTIOP=m           CONFIG_SCSI_HPTIOP=m
CONFIG_SCSI_SATA_QSTOR=m        CONFIG_SCSI_SATA_QSTOR=m
CONFIG_SCSI_SATA_PROMISE=m      CONFIG_SCSI_SATA_PROMISE=m
CONFIG_SCSI_SATA_SX4=m          CONFIG_SCSI_SATA_SX4=m
CONFIG_SCSI_SATA_SIL=m         CONFIG_SCSI_SATA_SIL=m
CONFIG_SCSI_SATA_SIL24=m       CONFIG_SCSI_SATA_SIL24=m
CONFIG_SCSI_SATA_SIS=m         CONFIG_SCSI_SATA_SIS=m
CONFIG_SCSI_SATA_ULI=m         CONFIG_SCSI_SATA_ULI=m
CONFIG_SCSI_SATA_VIA=m         CONFIG_SCSI_SATA_VIA=m
CONFIG_SCSI_SATA_VITESSE=m      CONFIG_SCSI_SATA_VITESSE=m
CONFIG_SCSI_SATA_INTEL_COMBINED=y CONFIG_SCSI_SATA_INTEL_COMBINED=y

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# CONFIG_SCSI_BUSLOGIC is not set      # CONFIG_SCSI_BUSLOGIC is not set
# CONFIG_SCSI_DM3191D is not set      # CONFIG_SCSI_DM3191D is not set
# CONFIG_SCSI_EATA is not set          # CONFIG_SCSI_EATA is not set
# CONFIG_SCSI_FUTURE_DOMAIN is not set # CONFIG_SCSI_FUTURE_DOMAIN is not set
CONFIG_SCSI_GDTH=m                      CONFIG_SCSI_GDTH=m
CONFIG_SCSI_IPS=m                      CONFIG_SCSI_IPS=m
CONFIG_SCSI_INITIO=m                  CONFIG_SCSI_INITIO=m
# CONFIG_SCSI_INIA100 is not set       # CONFIG_SCSI_INIA100 is not set
CONFIG_SCSI_PPA=m                    CONFIG_SCSI_PPA=m
CONFIG_SCSI_IMM=m                    CONFIG_SCSI_IMM=m
# CONFIG_SCSI_IZIP_EPP16 is not set    # CONFIG_SCSI_IZIP_EPP16 is not set
# CONFIG_SCSI_IZIP_SLOW_CTR is not set # CONFIG_SCSI_IZIP_SLOW_CTR is not set
CONFIG_SCSI_STEX=m                    CONFIG_SCSI_STEX=m
CONFIG_SCSI_SYM53C8XX_2=m             CONFIG_SCSI_SYM53C8XX_2=m
CONFIG_SCSI_SYM53C8XX_DMA_ADDRESSING_MODE=1 CONFIG_SCSI_SYM53C8XX_DMA_ADDRESSING_MODE=1
CONFIG_SCSI_SYM53C8XX_DEFAULT_TAGS=16 CONFIG_SCSI_SYM53C8XX_DEFAULT_TAGS=16
CONFIG_SCSI_SYM53C8XX_MAX_TAGS=64     CONFIG_SCSI_SYM53C8XX_MAX_TAGS=64
CONFIG_SCSI_SYM53C8XX_MMIO=y          CONFIG_SCSI_SYM53C8XX_MMIO=y
# CONFIG_SCSI_IPR is not set            # CONFIG_SCSI_IPR is not set
CONFIG_SCSI_QLOGIC_1280=m             CONFIG_SCSI_QLOGIC_1280=m
CONFIG_SCSI_QLA_FC=m                  CONFIG_SCSI_QLA_FC=m
CONFIG_SCSI_QLA_ISCSI=m               CONFIG_SCSI_QLA_ISCSI=m
CONFIG_SCSI_LPFC=m                    CONFIG_SCSI_LPFC=m
CONFIG_SCSI_DC395x=m                  CONFIG_SCSI_DC395x=m
# CONFIG_SCSI_DC390T is not set         # CONFIG_SCSI_DC390T is not set
# CONFIG_SCSI_NS32 is not set           # CONFIG_SCSI_NS32 is not set
# CONFIG_SCSI_DEBUG is not set          # CONFIG_SCSI_DEBUG is not set

#
# PCMCIA SCSI adapter support          # PCMCIA SCSI adapter support
#
# CONFIG_PCMCIA_AHA152X is not set      # CONFIG_PCMCIA_AHA152X is not set
CONFIG_PCMCIA_FDOMAIN=m               CONFIG_PCMCIA_FDOMAIN=m
# CONFIG_PCMCIA_NINJA_SCSI is not set   # CONFIG_PCMCIA_NINJA_SCSI is not set
# CONFIG_PCMCIA_QLOGIC is not set       # CONFIG_PCMCIA_QLOGIC is not set
# CONFIG_PCMCIA_SYM53C500 is not set    # CONFIG_PCMCIA_SYM53C500 is not set

#
# Multi-device support (RAID and LVM)   # Multi-device support (RAID and LVM)
#
CONFIG_MD=y                            CONFIG_MD=y
CONFIG_BLK_DEV_MD=y                   CONFIG_BLK_DEV_MD=y
CONFIG_MD_LINEAR=m                    CONFIG_MD_LINEAR=m
CONFIG_MD_RAID0=m                     CONFIG_MD_RAID0=m
CONFIG_MD_RAID1=m                     CONFIG_MD_RAID1=m
CONFIG_MD_RAID10=m                    CONFIG_MD_RAID10=m
CONFIG_MD_RAID456=m                   CONFIG_MD_RAID456=m
CONFIG_MD_RAID5_RESHAPE=y             CONFIG_MD_RAID5_RESHAPE=y
CONFIG_MD_MULTIPATH=m                 CONFIG_MD_MULTIPATH=m
CONFIG_MD_FAULTY=m                    CONFIG_MD_FAULTY=m
CONFIG_BLK_DEV_DM=m                   CONFIG_BLK_DEV_DM=m
CONFIG_DM_CRYPT=m                     CONFIG_DM_CRYPT=m
CONFIG_DM_SNAPSHOT=m                  CONFIG_DM_SNAPSHOT=m
CONFIG_DM_MIRROR=m                    CONFIG_DM_MIRROR=m
CONFIG_DM_ZERO=m                      CONFIG_DM_ZERO=m
CONFIG_DM_MULTIPATH=m                 CONFIG_DM_MULTIPATH=m
CONFIG_DM_MULTIPATH_EMC=m             CONFIG_DM_MULTIPATH_EMC=m

#
# Fusion MPT device support             # Fusion MPT device support
#
CONFIG_FUSION=y                       CONFIG_FUSION=y
CONFIG_FUSION_SPI=m                   CONFIG_FUSION_SPI=m
CONFIG_FUSION_FC=m                     CONFIG_FUSION_FC=m
CONFIG_FUSION_SAS=m                   CONFIG_FUSION_SAS=m
CONFIG_FUSION_MAX_SGE=40              CONFIG_FUSION_MAX_SGE=40
CONFIG_FUSION_CTL=m                   CONFIG_FUSION_CTL=m
CONFIG_FUSION_LAN=m                   CONFIG_FUSION_LAN=m

#
# IEEE 1394 (FireWire) support          # IEEE 1394 (FireWire) support
#
# CONFIG_IEEE1394 is not set            | CONFIG_IEEE1394=m
>
> #
> # Subsystem Options
> #
> # CONFIG_IEEE1394_VERBOSEDEBUG is not set
> CONFIG_IEEE1394_OUI_DB=y

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> CONFIG_IEEE1394_EXTRA_CONFIG_ROMS=y
> CONFIG_IEEE1394_CONFIG_ROM_IP1394=y
> CONFIG_IEEE1394_EXPORT_FULL_API=y
>
> #
> # Device Drivers
> #
> CONFIG_IEEE1394_PCILYNX=m
> CONFIG_IEEE1394_OHCI1394=m
>
> #
> # Protocol Drivers
> #
> CONFIG_IEEE1394_VIDEO1394=m
> CONFIG_IEEE1394_SBP2=m
> # CONFIG_IEEE1394_SBP2_PHYS_DMA is not set
> CONFIG_IEEE1394_ETH1394=m
> CONFIG_IEEE1394_DV1394=m
> CONFIG_IEEE1394_RAWIO=m

#
#
# I2O device support      # I2O device support
#
#
CONFIG_I2O=m              CONFIG_I2O=m
# CONFIG_I2O_LCT_NOTIFY_ON_CHANGES is not set # CONFIG_I2O_LCT_NOTIFY_ON_CHANGES is not set
CONFIG_I2O_EXT_ADAPTEC=y  CONFIG_I2O_EXT_ADAPTEC=y
CONFIG_I2O_CONFIG=m       CONFIG_I2O_CONFIG=m
CONFIG_I2O_CONFIG_OLD_IOCTL=y CONFIG_I2O_CONFIG_OLD_IOCTL=y
CONFIG_I2O_BUS=m          CONFIG_I2O_BUS=m
CONFIG_I2O_BLOCK=m        CONFIG_I2O_BLOCK=m
CONFIG_I2O_SCSI=m         CONFIG_I2O_SCSI=m
CONFIG_I2O_PROC=m         CONFIG_I2O_PROC=m

#
#
# Network device support  # Network device support
#
#
CONFIG_NETDEVICES=y       CONFIG_NETDEVICES=y
CONFIG_IFB=m              CONFIG_IFB=m
CONFIG_DUMMY=m            CONFIG_DUMMY=m
CONFIG_BONDING=m          CONFIG_BONDING=m
# CONFIG_EQUALIZER is not set # CONFIG_EQUALIZER is not set
CONFIG_TUN=m              CONFIG_TUN=m
# CONFIG_NET_SB1000 is not set | CONFIG_NET_SB1000=m

#
#
# ARCnet devices         # ARCnet devices
#
#
# CONFIG_ARCNET is not set # CONFIG_ARCNET is not set

#
#
# PHY device support     # PHY device support
#
#
CONFIG_PHYLIB=m           CONFIG_PHYLIB=m

#
#
# MII PHY device drivers  # MII PHY device drivers
#
#
CONFIG_MARVELL_PHY=m       CONFIG_MARVELL_PHY=m
CONFIG_DAVICOM_PHY=m      CONFIG_DAVICOM_PHY=m
CONFIG_QSEMI_PHY=m        CONFIG_QSEMI_PHY=m
CONFIG_LXT_PHY=m          CONFIG_LXT_PHY=m
CONFIG_CICADA_PHY=m       CONFIG_CICADA_PHY=m
CONFIG_VITESSE_PHY=m      CONFIG_VITESSE_PHY=m
CONFIG_SMSC_PHY=m         CONFIG_SMSC_PHY=m
CONFIG_FIXED_PHY=m        CONFIG_FIXED_PHY=m
CONFIG_FIXED_MII_10_FDX=y  CONFIG_FIXED_MII_10_FDX=y
CONFIG_FIXED_MII_100_FDX=y CONFIG_FIXED_MII_100_FDX=y

#
#
# Ethernet (10 or 100Mbit) # Ethernet (10 or 100Mbit)
#
#
CONFIG_NET_ETHERNET=y      CONFIG_NET_ETHERNET=y
CONFIG_MII=m               CONFIG_MII=m
CONFIG_HAPPYMEAL=m         CONFIG_HAPPYMEAL=m
CONFIG_SUNGEM=m           CONFIG_SUNGEM=m
CONFIG_CASSINI=m          CONFIG_CASSINI=m
CONFIG_NET_VENDOR_3COM=y   CONFIG_NET_VENDOR_3COM=y
CONFIG_VORTEX=m           CONFIG_VORTEX=m
CONFIG_TYPHOON=m          CONFIG_TYPHOON=m

```

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# #
# Tulip family network device support # Tulip family network device support
# #
CONFIG_NET_TULIP=y CONFIG_NET_TULIP=y
CONFIG_DE2104X=m CONFIG_DE2104X=m
CONFIG_TULIP=m CONFIG_TULIP=m
# CONFIG_TULIP_MWI is not set # CONFIG_TULIP_MWI is not set
CONFIG_TULIP_MMIO=y CONFIG_TULIP_MMIO=y
# CONFIG_TULIP_NAPI is not set # CONFIG_TULIP_NAPI is not set
CONFIG_DE4X5=m CONFIG_DE4X5=m
CONFIG_WINBOND_840=m CONFIG_WINBOND_840=m
CONFIG_DM9102=m CONFIG_DM9102=m
CONFIG_ULI526X=m CONFIG_ULI526X=m
CONFIG_PCMCIA_XIRCOM=m CONFIG_PCMCIA_XIRCOM=m
# CONFIG_HP100 is not set | CONFIG_HP100=m
CONFIG_NET_PCI=y CONFIG_NET_PCI=y
CONFIG_PCNET32=m CONFIG_PCNET32=m
CONFIG_AMD8111_ETH=m CONFIG_AMD8111_ETH=m
CONFIG_AMD8111E_NAPI=y CONFIG_AMD8111E_NAPI=y
CONFIG_ADAPTEC_STARFIRE=m CONFIG_ADAPTEC_STARFIRE=m
CONFIG_ADAPTEC_STARFIRE_NAPI=y CONFIG_ADAPTEC_STARFIRE_NAPI=y
CONFIG_B44=m CONFIG_B44=m
CONFIG_FORCEDETH=m CONFIG_FORCEDETH=m
# CONFIG_DGRS is not set | CONFIG_DGRS=m
# CONFIG_EEPRO100 is not set | CONFIG_EEPRO100=m
CONFIG_E100=m CONFIG_E100=m
CONFIG_FEALNX=m CONFIG_FEALNX=m
CONFIG_NATSEMI=m CONFIG_NATSEMI=m
CONFIG_NE2K_PCI=m CONFIG_NE2K_PCI=m
CONFIG_8139CP=m CONFIG_8139CP=m
CONFIG_8139TOO=m CONFIG_8139TOO=m
# CONFIG_8139TOO_PIO is not set # CONFIG_8139TOO_PIO is not set
# CONFIG_8139TOO_TUNE_TWISTER is not set # CONFIG_8139TOO_TUNE_TWISTER is not set
CONFIG_8139TOO_8129=y CONFIG_8139TOO_8129=y
# CONFIG_8139_OLD_RX_RESET is not set # CONFIG_8139_OLD_RX_RESET is not set
CONFIG_SIS900=m CONFIG_SIS900=m
CONFIG_EPIC100=m CONFIG_EPIC100=m
# CONFIG_SUNDANCE is not set | CONFIG_SUNDANCE=m
> # CONFIG_SUNDANCE_MMIO is not set
CONFIG_TLAN=m CONFIG_TLAN=m
CONFIG_VIA_RHINE=m CONFIG_VIA_RHINE=m
CONFIG_VIA_RHINE_MMIO=y CONFIG_VIA_RHINE_MMIO=y
CONFIG_VIA_RHINE_NAPI=y CONFIG_VIA_RHINE_NAPI=y
CONFIG_NET_POCKET=y CONFIG_NET_POCKET=y
# CONFIG_ATP is not set | CONFIG_ATP=m
# CONFIG_DE600 is not set | CONFIG_DE600=m
# CONFIG_DE620 is not set | CONFIG_DE620=m

# #
# Ethernet (1000 Mbit) # Ethernet (1000 Mbit)
# #
CONFIG_ACENIC=m CONFIG_ACENIC=m
# CONFIG_ACENIC_OMIT_TIGON_I is not set # CONFIG_ACENIC_OMIT_TIGON_I is not set
CONFIG_DL2K=m CONFIG_DL2K=m
CONFIG_E1000=m CONFIG_E1000=m
CONFIG_E1000_NAPI=y CONFIG_E1000_NAPI=y
# CONFIG_E1000_DISABLE_PACKET_SPLIT is not set # CONFIG_E1000_DISABLE_PACKET_SPLIT is not set
CONFIG_NS83820=m CONFIG_NS83820=m
# CONFIG_HAMACHI is not set | CONFIG_HAMACHI=m
# CONFIG_YELLOWFIN is not set | CONFIG_YELLOWFIN=m
CONFIG_R8169=m CONFIG_R8169=m
CONFIG_R8169_NAPI=y CONFIG_R8169_NAPI=y
CONFIG_R8169_VLAN=y CONFIG_R8169_VLAN=y
CONFIG_SIS190=m CONFIG_SIS190=m
CONFIG_SKGE=m CONFIG_SKGE=m
CONFIG_SKY2=m CONFIG_SKY2=m
# CONFIG_SK98LIN is not set | CONFIG_SK98LIN=m
CONFIG_VIA_VELOCITY=m CONFIG_VIA_VELOCITY=m
CONFIG_TIGON3=m CONFIG_TIGON3=m
CONFIG_BNX2=m CONFIG_BNX2=m
# CONFIG_QLA3XXX is not set | CONFIG_QLA3XXX=m

# #
# Ethernet (10000 Mbit) # Ethernet (10000 Mbit)
# #
CONFIG_CHELSIO_T1=m CONFIG_CHELSIO_T1=m
CONFIG_IXGB=m CONFIG_IXGB=m
CONFIG_IXGB_NAPI=y CONFIG_IXGB_NAPI=y

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CONFIG_S2IO=m          CONFIG_S2IO=m
CONFIG_S2IO_NAPI=y     CONFIG_S2IO_NAPI=y
CONFIG_MYRI10GE=m      CONFIG_MYRI10GE=m

#          #
# Token Ring devices    # Token Ring devices
#          #
CONFIG_TR=y           CONFIG_TR=y
CONFIG_IBMOL=m         CONFIG_IBMOL=m
CONFIG_IBMLS=m         CONFIG_IBMLS=m
CONFIG_3C359=m         CONFIG_3C359=m
# CONFIG_TMS380TR is not set    # CONFIG_TMS380TR is not set

#          #
# Wireless LAN (non-hamradio)    # Wireless LAN (non-hamradio)
#          #
CONFIG_NET_RADIO=y     CONFIG_NET_RADIO=y
CONFIG_NET_WIRELESS_RTNETLINK=y    CONFIG_NET_WIRELESS_RTNETLINK=y

#          #
# Obsolete Wireless cards support (pre-802.11)    # Obsolete Wireless cards support (pre-802.11)
#          #
# CONFIG_STRIP is not set    # CONFIG_STRIP is not set
CONFIG_PCMCIA_WAVELAN=m    CONFIG_PCMCIA_WAVELAN=m
CONFIG_PCMCIA_NETWAVE=m    CONFIG_PCMCIA_NETWAVE=m

#          #
# Wireless 802.11 Frequency Hopping cards support    # Wireless 802.11 Frequency Hopping cards sup
#          #
# CONFIG_PCMCIA_RAYCS is not set    # CONFIG_PCMCIA_RAYCS is not set

#          #
# Wireless 802.11b ISA/PCI cards support    # Wireless 802.11b ISA/PCI cards support
#          #
CONFIG_IPW2100=m        CONFIG_IPW2100=m
CONFIG_IPW2100_MONITOR=y    CONFIG_IPW2100_MONITOR=y
# CONFIG_IPW2100_DEBUG is not set    # CONFIG_IPW2100_DEBUG is not set
CONFIG_IPW2200=m        CONFIG_IPW2200=m
CONFIG_IPW2200_MONITOR=y    CONFIG_IPW2200_MONITOR=y
CONFIG_IPW2200_RADIOTAP=y    CONFIG_IPW2200_RADIOTAP=y
CONFIG_IPW2200_PROMISCUOUS=y    CONFIG_IPW2200_PROMISCUOUS=y
CONFIG_IPW2200_QOS=y      CONFIG_IPW2200_QOS=y
# CONFIG_IPW2200_DEBUG is not set    # CONFIG_IPW2200_DEBUG is not set
CONFIG_AIRO=m           CONFIG_AIRO=m
CONFIG_HERMES=m         CONFIG_HERMES=m
CONFIG_PLX_HERMES=m      CONFIG_PLX_HERMES=m
CONFIG_TMD_HERMES=m      CONFIG_TMD_HERMES=m
CONFIG_NORTEL_HERMES=m    CONFIG_NORTEL_HERMES=m
CONFIG_PCI_HERMES=m      CONFIG_PCI_HERMES=m
CONFIG_ATMEL=m           CONFIG_ATMEL=m
CONFIG_PCI_ATMEL=m       CONFIG_PCI_ATMEL=m

#          #
# Wireless 802.11b Pcmcia/Cardbus cards support    # Wireless 802.11b Pcmcia/Cardbus cards suppor
#          #
CONFIG_PCMCIA_HERMES=m    CONFIG_PCMCIA_HERMES=m
CONFIG_PCMCIA_SPECTRUM=m    CONFIG_PCMCIA_SPECTRUM=m
CONFIG_AIRO_CS=m         CONFIG_AIRO_CS=m
CONFIG_PCMCIA_ATMEL=m     CONFIG_PCMCIA_ATMEL=m
CONFIG_PCMCIA_WL3501=m    CONFIG_PCMCIA_WL3501=m

#          #
# Prism GT/Duette 802.11(a/b/g) PCI/Cardbus support    # Prism GT/Duette 802.11(a/b/g) PCI/Cardbus
#          #
CONFIG_PRISM54=m         CONFIG_PRISM54=m
CONFIG_USB_ZD1201=m      CONFIG_USB_ZD1201=m
CONFIG_HOSTAP=m          CONFIG_HOSTAP=m
CONFIG_HOSTAP_FIRMWARE=y    CONFIG_HOSTAP_FIRMWARE=y
CONFIG_HOSTAP_FIRMWARE_NVRAM=y    CONFIG_HOSTAP_FIRMWARE_NVRAM=y
CONFIG_HOSTAP_PLX=m       CONFIG_HOSTAP_PLX=m
CONFIG_HOSTAP_PCI=m       CONFIG_HOSTAP_PCI=m
CONFIG_HOSTAP_CS=m        CONFIG_HOSTAP_CS=m
CONFIG_BCM43XX=m          CONFIG_BCM43XX=m
CONFIG_BCM43XX_DEBUG=y     CONFIG_BCM43XX_DEBUG=y
CONFIG_BCM43XX_DMA=y       CONFIG_BCM43XX_DMA=y
CONFIG_BCM43XX_PIO=y       CONFIG_BCM43XX_PIO=y
CONFIG_BCM43XX_DMA_AND_PIO_MODE=y    CONFIG_BCM43XX_DMA_AND_PIO_MODE=y
# CONFIG_BCM43XX_DMA_MODE is not set    # CONFIG_BCM43XX_DMA_MODE is not set
# CONFIG_BCM43XX_PIO_MODE is not set    # CONFIG_BCM43XX_PIO_MODE is not set

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CONFIG_ZD1211RW=m          CONFIG_ZD1211RW=m
# CONFIG_ZD1211RW_DEBUG is not set      # CONFIG_ZD1211RW_DEBUG is not set
CONFIG_NET_WIRELESS=y      CONFIG_NET_WIRELESS=y

#
#
# PCMCIA network device support      # PCMCIA network device support
#
#
CONFIG_NET_PCMCIA=y          CONFIG_NET_PCMCIA=y
CONFIG_PCMCIA_3C589=m        CONFIG_PCMCIA_3C589=m
CONFIG_PCMCIA_3C574=m        CONFIG_PCMCIA_3C574=m
CONFIG_PCMCIA_FMVJ18X=m      CONFIG_PCMCIA_FMVJ18X=m
CONFIG_PCMCIA_PCNET=m        CONFIG_PCMCIA_PCNET=m
CONFIG_PCMCIA_NMCLAN=m       CONFIG_PCMCIA_NMCLAN=m
CONFIG_PCMCIA_SMC91C92=m     CONFIG_PCMCIA_SMC91C92=m
CONFIG_PCMCIA_XIRC2PS=m      CONFIG_PCMCIA_XIRC2PS=m
CONFIG_PCMCIA_AXNET=m        CONFIG_PCMCIA_AXNET=m
CONFIG_PCMCIA_IBMTR=m        CONFIG_PCMCIA_IBMTR=m

#
#
# Wan interfaces      # Wan interfaces
#
#
# CONFIG_WAN is not set      # CONFIG_WAN is not set

#
#
# ATM drivers      # ATM drivers
#
#
# CONFIG_ATM_DUMMY is not set      # CONFIG_ATM_DUMMY is not set
CONFIG_ATM_TCP=m      CONFIG_ATM_TCP=m
CONFIG_ATM_LANAI=m    CONFIG_ATM_LANAI=m
CONFIG_ATM_ENI=m      CONFIG_ATM_ENI=m
# CONFIG_ATM_ENI_DEBUG is not set      # CONFIG_ATM_ENI_DEBUG is not set
# CONFIG_ATM_ENI_TUNE_BURST is not set      # CONFIG_ATM_ENI_TUNE_BURST is not set
CONFIG_ATM_FIRESTREAM=m    CONFIG_ATM_FIRESTREAM=m
# CONFIG_ATM_ZATM is not set      | CONFIG_ATM_ZATM=m
> # CONFIG_ATM_ZATM_DEBUG is not set
CONFIG_ATM_NICSTAR=m      CONFIG_ATM_NICSTAR=m
# CONFIG_ATM_NICSTAR_USE_SUNI is not set      # CONFIG_ATM_NICSTAR_USE_SUNI is not set
# CONFIG_ATM_NICSTAR_USE_IDT77105 is not set      # CONFIG_ATM_NICSTAR_USE_IDT77105 is not set
CONFIG_ATM_IDT77252=m      CONFIG_ATM_IDT77252=m
# CONFIG_ATM_IDT77252_DEBUG is not set      # CONFIG_ATM_IDT77252_DEBUG is not set
# CONFIG_ATM_IDT77252_RCV_ALL is not set      # CONFIG_ATM_IDT77252_RCV_ALL is not set
CONFIG_ATM_IDT77252_USE_SUNI=y    CONFIG_ATM_IDT77252_USE_SUNI=y
CONFIG_ATM_AMBASSADOR=m      CONFIG_ATM_AMBASSADOR=m
# CONFIG_ATM_AMBASSADOR_DEBUG is not set      # CONFIG_ATM_AMBASSADOR_DEBUG is not set
CONFIG_ATM_HORIZON=m      CONFIG_ATM_HORIZON=m
# CONFIG_ATM_HORIZON_DEBUG is not set      # CONFIG_ATM_HORIZON_DEBUG is not set
# CONFIG_ATM_IA is not set      | CONFIG_ATM_IA=m
> # CONFIG_ATM_IA_DEBUG is not set
CONFIG_ATM_FORE200E_MAYBE=m    CONFIG_ATM_FORE200E_MAYBE=m
# CONFIG_ATM_FORE200E_PCA is not set      # CONFIG_ATM_FORE200E_PCA is not set
CONFIG_ATM_HE=m      CONFIG_ATM_HE=m
# CONFIG_ATM_HE_USE_SUNI is not set      # CONFIG_ATM_HE_USE_SUNI is not set
CONFIG_FDDI=y      CONFIG_FDDI=y
# CONFIG_DEFFX is not set      | CONFIG_DEFFX=m
# CONFIG_SKFP is not set      | CONFIG_SKFP=m
# CONFIG_HIPPI is not set      # CONFIG_HIPPI is not set
# CONFIG_PLIP is not set      # CONFIG_PLIP is not set
CONFIG_PPP=m      CONFIG_PPP=m
CONFIG_PPP_MULTILINK=y    CONFIG_PPP_MULTILINK=y
CONFIG_PPP_FILTER=y      CONFIG_PPP_FILTER=y
CONFIG_PPP_ASYNC=m      CONFIG_PPP_ASYNC=m
CONFIG_PPP_SYNC_TTY=m    CONFIG_PPP_SYNC_TTY=m
CONFIG_PPP_DEFLATE=m      CONFIG_PPP_DEFLATE=m
# CONFIG_PPP_BSDCOMP is not set      # CONFIG_PPP_BSDCOMP is not set
CONFIG_PPP_MPPE=m      CONFIG_PPP_MPPE=m
CONFIG_PPPOE=m      CONFIG_PPPOE=m
CONFIG_PPPOATM=m      CONFIG_PPPOATM=m
CONFIG_SLIP=m      CONFIG_SLIP=m
CONFIG_SLIP_COMPRESSED=y    CONFIG_SLIP_COMPRESSED=y
CONFIG_SLIP_SMART=y      CONFIG_SLIP_SMART=y
# CONFIG_SLIP_MODE_SLIP6 is not set      # CONFIG_SLIP_MODE_SLIP6 is not set
CONFIG_NET_FC=y      CONFIG_NET_FC=y
# CONFIG_SHAPER is not set      | CONFIG_SHAPER=m
CONFIG_NETCONSOLE=m      CONFIG_NETCONSOLE=m
CONFIG_NETPOLL=y      CONFIG_NETPOLL=y
# CONFIG_NETPOLL_RX is not set      # CONFIG_NETPOLL_RX is not set
CONFIG_NETPOLL_TRAP=y      CONFIG_NETPOLL_TRAP=y
CONFIG_NET_POLL_CONTROLLER=y    CONFIG_NET_POLL_CONTROLLER=y

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#           #
# ISDN subsystem      # ISDN subsystem
#           #
CONFIG_ISDN=m          CONFIG_ISDN=m

#           #
# Old ISDN4Linux      # Old ISDN4Linux
#           #
CONFIG_ISDN_I4L=m      CONFIG_ISDN_I4L=m
CONFIG_ISDN_PPP=y      CONFIG_ISDN_PPP=y
CONFIG_ISDN_PPP_VJ=y   CONFIG_ISDN_PPP_VJ=y
CONFIG_ISDN_MPP=y      CONFIG_ISDN_MPP=y
CONFIG_IPPP_FILTER=y   CONFIG_IPPP_FILTER=y
# CONFIG_ISDN_PPP_BSDCOMP is not set # CONFIG_ISDN_PPP_BSDCOMP is not set
CONFIG_ISDN_AUDIO=y    CONFIG_ISDN_AUDIO=y
CONFIG_ISDN_TTY_FAX=y  CONFIG_ISDN_TTY_FAX=y

#           #
# ISDN feature submodules # ISDN feature submodules
#           #
CONFIG_ISDN_DIVERSION=m CONFIG_ISDN_DIVERSION=m

#           #
# ISDN4Linux hardware drivers # ISDN4Linux hardware drivers
#           #

#           #
# Passive cards            # Passive cards
#           #
CONFIG_ISDN_DRV_HISAX=m    CONFIG_ISDN_DRV_HISAX=m

#           #
# D-channel protocol features # D-channel protocol features
#           #
CONFIG_HISAX_EURO=y        CONFIG_HISAX_EURO=y
CONFIG_DE_AOC=y            CONFIG_DE_AOC=y
CONFIG_HISAX_NO_SENDCOMPLETE=y CONFIG_HISAX_NO_SENDCOMPLETE=y
CONFIG_HISAX_NO_LLC=y      CONFIG_HISAX_NO_LLC=y
CONFIG_HISAX_NO_KEYPAD=y   CONFIG_HISAX_NO_KEYPAD=y
CONFIG_HISAX_1TR6=y        CONFIG_HISAX_1TR6=y
CONFIG_HISAX_NI1=y         CONFIG_HISAX_NI1=y
CONFIG_HISAX_MAX_CARDS=8   CONFIG_HISAX_MAX_CARDS=8

#           #
# HiSax supported cards    # HiSax supported cards
#           #
CONFIG_HISAX_16_3=y        CONFIG_HISAX_16_3=y
CONFIG_HISAX_TELESPCI=y    CONFIG_HISAX_TELESPCI=y
CONFIG_HISAX_S0BOX=y       CONFIG_HISAX_S0BOX=y
CONFIG_HISAX_FRITZPCI=y    CONFIG_HISAX_FRITZPCI=y
CONFIG_HISAX_AVM_A1_PCMCIA=y CONFIG_HISAX_AVM_A1_PCMCIA=y
CONFIG_HISAX_ELSA=y        CONFIG_HISAX_ELSA=y
CONFIG_HISAX_DIEHLDIVA=y   CONFIG_HISAX_DIEHLDIVA=y
CONFIG_HISAX_SEDLBAUER=y   CONFIG_HISAX_SEDLBAUER=y
CONFIG_HISAX_NETJET=y      CONFIG_HISAX_NETJET=y
CONFIG_HISAX_NETJET_U=y    CONFIG_HISAX_NETJET_U=y
CONFIG_HISAX_NICCY=y       CONFIG_HISAX_NICCY=y
CONFIG_HISAX_BKM_A4T=y     CONFIG_HISAX_BKM_A4T=y
CONFIG_HISAX_SCT_QUADRO=y  CONFIG_HISAX_SCT_QUADRO=y
CONFIG_HISAX_GAZEL=y       CONFIG_HISAX_GAZEL=y
CONFIG_HISAX_HFC_PCI=y     CONFIG_HISAX_HFC_PCI=y
CONFIG_HISAX_W6692=y       CONFIG_HISAX_W6692=y
CONFIG_HISAX_HFC_SX=y      CONFIG_HISAX_HFC_SX=y
CONFIG_HISAX_ENTERNOW_PCI=y CONFIG_HISAX_ENTERNOW_PCI=y
# CONFIG_HISAX_DEBUG is not set # CONFIG_HISAX_DEBUG is not set

#           #
# HiSax PCMCIA card service modules # HiSax PCMCIA card service modules
#           #
CONFIG_HISAX_SEDLBAUER_CS=m CONFIG_HISAX_SEDLBAUER_CS=m
CONFIG_HISAX_ELSA_CS=m     CONFIG_HISAX_ELSA_CS=m
CONFIG_HISAX_AVM_A1_CS=m   CONFIG_HISAX_AVM_A1_CS=m
CONFIG_HISAX_TELES_CS=m    CONFIG_HISAX_TELES_CS=m

#           #
# HiSax sub driver modules # HiSax sub driver modules
#           #
CONFIG_HISAX_ST5481=m      CONFIG_HISAX_ST5481=m
# CONFIG_HISAX_HFCUSB is not set # CONFIG_HISAX_HFCUSB is not set

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CONFIG_HISAX_HFC4S8S=m          CONFIG_HISAX_HFC4S8S=m
CONFIG_HISAX_FRITZ_PCIPNP=m      CONFIG_HISAX_FRITZ_PCIPNP=m
CONFIG_HISAX_HDLC=y             CONFIG_HISAX_HDLC=y

#                               #
# Active cards                  # Active cards
#                               #

#                               #
# Siemens Gigaset              # Siemens Gigaset
#                               #
CONFIG_ISDN_DRV_GIGASET=m        CONFIG_ISDN_DRV_GIGASET=m
CONFIG_GIGASET_BASE=m           CONFIG_GIGASET_BASE=m
CONFIG_GIGASET_M105=m          CONFIG_GIGASET_M105=m
# CONFIG_GIGASET_DEBUG is not set # CONFIG_GIGASET_DEBUG is not set
# CONFIG_GIGASET_UNDOCREQ is not set # CONFIG_GIGASET_UNDOCREQ is not set

#                               #
# CAPI subsystem                # CAPI subsystem
#                               #
CONFIG_ISDN_CAPI=m              CONFIG_ISDN_CAPI=m
CONFIG_ISDN_DRV_AVMB1_VERBOSE_REASON=y CONFIG_ISDN_DRV_AVMB1_VERBOSE_REASON=y
CONFIG_ISDN_CAPI_MIDDLEWARE=y    CONFIG_ISDN_CAPI_MIDDLEWARE=y
CONFIG_ISDN_CAPI_CAPI20=m        CONFIG_ISDN_CAPI_CAPI20=m
CONFIG_ISDN_CAPI_CAPIFS_BOOL=y   CONFIG_ISDN_CAPI_CAPIFS_BOOL=y
CONFIG_ISDN_CAPI_CAPIFS=m        CONFIG_ISDN_CAPI_CAPIFS=m
CONFIG_ISDN_CAPI_CAPIDRV=m       CONFIG_ISDN_CAPI_CAPIDRV=m

#                               #
# CAPI hardware drivers         # CAPI hardware drivers
#                               #

#                               #
# Active AVM cards              # Active AVM cards
#                               #
CONFIG_CAPI_AVM=y               CONFIG_CAPI_AVM=y
CONFIG_ISDN_DRV_AVMB1_B1PCI=m    CONFIG_ISDN_DRV_AVMB1_B1PCI=m
CONFIG_ISDN_DRV_AVMB1_B1PCIV4=y  CONFIG_ISDN_DRV_AVMB1_B1PCIV4=y
CONFIG_ISDN_DRV_AVMB1_B1PCMCIAM=m CONFIG_ISDN_DRV_AVMB1_B1PCMCIAM=m
CONFIG_ISDN_DRV_AVMB1_AVM_CS=m    CONFIG_ISDN_DRV_AVMB1_AVM_CS=m
CONFIG_ISDN_DRV_AVMB1_T1PCI=m     CONFIG_ISDN_DRV_AVMB1_T1PCI=m
CONFIG_ISDN_DRV_AVMB1_C4=m        CONFIG_ISDN_DRV_AVMB1_C4=m

#                               #
# Active Eicon DIVA Server cards # Active Eicon DIVA Server cards
#                               #
CONFIG_CAPI_EICON=y              CONFIG_CAPI_EICON=y
CONFIG_ISDN_DIVAS=m              CONFIG_ISDN_DIVAS=m
CONFIG_ISDN_DIVAS_BRIPCI=y       CONFIG_ISDN_DIVAS_BRIPCI=y
CONFIG_ISDN_DIVAS_PRIIPCI=y      CONFIG_ISDN_DIVAS_PRIIPCI=y
CONFIG_ISDN_DIVAS_DIVACAPI=m      CONFIG_ISDN_DIVAS_DIVACAPI=m
CONFIG_ISDN_DIVAS_USERIDI=m       CONFIG_ISDN_DIVAS_USERIDI=m
CONFIG_ISDN_DIVAS_MAINT=m         CONFIG_ISDN_DIVAS_MAINT=m

#                               #
# Telephony Support             # Telephony Support
#                               #
# CONFIG_PHONE is not set       # CONFIG_PHONE is not set

#                               #
# Input device support          # Input device support
#                               #
CONFIG_INPUT=y                   CONFIG_INPUT=y

#                               #
# Userland interfaces           # Userland interfaces
#                               #
CONFIG_INPUT_MOUSEDEV=y          CONFIG_INPUT_MOUSEDEV=y
# CONFIG_INPUT_MOUSEDEV_PSAUX is not set # CONFIG_INPUT_MOUSEDEV_PSAUX is not set
CONFIG_INPUT_MOUSEDEV_SCREEN_X=1024 CONFIG_INPUT_MOUSEDEV_SCREEN_X=1024
CONFIG_INPUT_MOUSEDEV_SCREEN_Y=768 CONFIG_INPUT_MOUSEDEV_SCREEN_Y=768
CONFIG_INPUT_JOYDEV=m            CONFIG_INPUT_JOYDEV=m
# CONFIG_INPUT_TSDEV is not set # CONFIG_INPUT_TSDEV is not set
CONFIG_INPUT_EVDEV=y             CONFIG_INPUT_EVDEV=y
# CONFIG_INPUT_EVBUG is not set # CONFIG_INPUT_EVBUG is not set

#                               #
# Input Device Drivers          # Input Device Drivers
#                               #

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CONFIG_INPUT_KEYBOARD=y          CONFIG_INPUT_KEYBOARD=y
CONFIG_KEYBOARD_ATKBD=y          CONFIG_KEYBOARD_ATKBD=y
# CONFIG_KEYBOARD_SUNKBD is not set # CONFIG_KEYBOARD_SUNKBD is not set
# CONFIG_KEYBOARD_LKKBD is not set # CONFIG_KEYBOARD_LKKBD is not set
# CONFIG_KEYBOARD_XTKBD is not set # CONFIG_KEYBOARD_XTKBD is not set
# CONFIG_KEYBOARD_NEWTON is not set # CONFIG_KEYBOARD_NEWTON is not set
CONFIG_INPUT_MOUSE=y            CONFIG_INPUT_MOUSE=y
CONFIG_MOUSE_PS2=y              CONFIG_MOUSE_PS2=y
CONFIG_MOUSE_SERIAL=m           CONFIG_MOUSE_SERIAL=m
CONFIG_MOUSE_VSXXXAA=m          CONFIG_MOUSE_VSXXXAA=m
CONFIG_INPUT_JOYSTICK=y         CONFIG_INPUT_JOYSTICK=y
# CONFIG_JOYSTICK_ANALOG is not set # CONFIG_JOYSTICK_ANALOG is not set
# CONFIG_JOYSTICK_A3D is not set # CONFIG_JOYSTICK_A3D is not set
# CONFIG_JOYSTICK_ADI is not set # CONFIG_JOYSTICK_ADI is not set
# CONFIG_JOYSTICK_COBRA is not set # CONFIG_JOYSTICK_COBRA is not set
# CONFIG_JOYSTICK_GF2K is not set # CONFIG_JOYSTICK_GF2K is not set
# CONFIG_JOYSTICK_GRIP is not set # CONFIG_JOYSTICK_GRIP is not set
# CONFIG_JOYSTICK_GRIP_MP is not set # CONFIG_JOYSTICK_GRIP_MP is not set
# CONFIG_JOYSTICK_GUILLEMOT is not set # CONFIG_JOYSTICK_GUILLEMOT is not set
# CONFIG_JOYSTICK_INTERACT is not set # CONFIG_JOYSTICK_INTERACT is not set
# CONFIG_JOYSTICK_SIDEWINDER is not set # CONFIG_JOYSTICK_SIDEWINDER is not set
# CONFIG_JOYSTICK_TMDC is not set # CONFIG_JOYSTICK_TMDC is not set
# CONFIG_JOYSTICK_IFORCE is not set # CONFIG_JOYSTICK_IFORCE is not set
# CONFIG_JOYSTICK_WARRIOR is not set # CONFIG_JOYSTICK_WARRIOR is not set
# CONFIG_JOYSTICK_MAGELLAN is not set # CONFIG_JOYSTICK_MAGELLAN is not set
# CONFIG_JOYSTICK_SPACEORB is not set # CONFIG_JOYSTICK_SPACEORB is not set
# CONFIG_JOYSTICK_SPACEBALL is not set # CONFIG_JOYSTICK_SPACEBALL is not set
# CONFIG_JOYSTICK_STINGER is not set # CONFIG_JOYSTICK_STINGER is not set
CONFIG_JOYSTICK_TWIDJOY=m       CONFIG_JOYSTICK_TWIDJOY=m
# CONFIG_JOYSTICK_DB9 is not set # CONFIG_JOYSTICK_DB9 is not set
# CONFIG_JOYSTICK_GAMECON is not set # CONFIG_JOYSTICK_GAMECON is not set
# CONFIG_JOYSTICK_TURBOGRAFX is not set # CONFIG_JOYSTICK_TURBOGRAFX is not set
CONFIG_JOYSTICK_JOYDUMP=m       CONFIG_JOYSTICK_JOYDUMP=m
CONFIG_INPUT_TOUCHSCREEN=y       CONFIG_INPUT_TOUCHSCREEN=y
CONFIG_TOUCHSCREEN_GUNZE=m       CONFIG_TOUCHSCREEN_GUNZE=m
CONFIG_TOUCHSCREEN_ELO=m         CONFIG_TOUCHSCREEN_ELO=m
CONFIG_TOUCHSCREEN_MTOUCH=m       CONFIG_TOUCHSCREEN_MTOUCH=m
CONFIG_TOUCHSCREEN_MK712=m       CONFIG_TOUCHSCREEN_MK712=m
CONFIG_INPUT_MISC=y             CONFIG_INPUT_MISC=y
CONFIG_INPUT_PCSPKR=m           CONFIG_INPUT_PCSPKR=m
CONFIG_INPUT_WISTRON_BTNS=m     CONFIG_INPUT_WISTRON_BTNS=m
CONFIG_INPUT_UINPUT=m           CONFIG_INPUT_UINPUT=m

# #
# Hardware I/O ports # Hardware I/O ports
# #
CONFIG_SERIO=y                  CONFIG_SERIO=y
CONFIG_SERIO_I8042=y            CONFIG_SERIO_I8042=y
CONFIG_SERIO_SERPORT=y          CONFIG_SERIO_SERPORT=y
# CONFIG_SERIO_CT82C710 is not set # CONFIG_SERIO_CT82C710 is not set
# CONFIG_SERIO_PARKBD is not set # CONFIG_SERIO_PARKBD is not set
# CONFIG_SERIO_PCIPS2 is not set # CONFIG_SERIO_PCIPS2 is not set
CONFIG_SERIO_LIBPS2=y           CONFIG_SERIO_LIBPS2=y
CONFIG_SERIO_RAW=m              CONFIG_SERIO_RAW=m
CONFIG_GAMEPORT=m               CONFIG_GAMEPORT=m
CONFIG_GAMEPORT_NS558=m         CONFIG_GAMEPORT_NS558=m
CONFIG_GAMEPORT_L4=m            CONFIG_GAMEPORT_L4=m
CONFIG_GAMEPORT_EMU10K1=m       CONFIG_GAMEPORT_EMU10K1=m
CONFIG_GAMEPORT_FM801=m         CONFIG_GAMEPORT_FM801=m

# #
# Character devices # Character devices
# #
CONFIG_VT=y                      CONFIG_VT=y
CONFIG_VT_CONSOLE=y             CONFIG_VT_CONSOLE=y
CONFIG_HW_CONSOLE=y             CONFIG_HW_CONSOLE=y
CONFIG_VT_HW_CONSOLE_BINDING=y  CONFIG_VT_HW_CONSOLE_BINDING=y
CONFIG_SERIAL_NONSTANDARD=y     CONFIG_SERIAL_NONSTANDARD=y
# CONFIG_COMPUTONE is not set # CONFIG_COMPUTONE is not set
# CONFIG_ROCKETPORT is not set # CONFIG_ROCKETPORT is not set
CONFIG_CYCLADES=m               CONFIG_CYCLADES=m
# CONFIG_CYZ_INTR is not set # CONFIG_CYZ_INTR is not set
# CONFIG_DIGIEPCA is not set # CONFIG_DIGIEPCA is not set
# CONFIG_MOXA_INTELLIO is not set # CONFIG_MOXA_INTELLIO is not set
# CONFIG_MOXA_SMARTIO is not set # CONFIG_MOXA_SMARTIO is not set
# CONFIG_ISI is not set # CONFIG_ISI is not set
CONFIG_SYNCLINK=m               CONFIG_SYNCLINK=m
CONFIG_SYNCLINKMP=m             CONFIG_SYNCLINKMP=m
CONFIG_SYNCLINK_GT=m            CONFIG_SYNCLINK_GT=m

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CONFIG_N_HDLC=m          CONFIG_N_HDLC=m
# CONFIG_SPECIALIX is not set      # CONFIG_SPECIALIX is not set
# CONFIG_SX is not set            # CONFIG_SX is not set
# CONFIG_RIO is not set           # CONFIG_RIO is not set
# CONFIG_STALDRV is not set       # CONFIG_STALDRV is not set

#
#
# Serial drivers          # Serial drivers
#
CONFIG_SERIAL_8250=y      CONFIG_SERIAL_8250=y
CONFIG_SERIAL_8250_CONSOLE=y  CONFIG_SERIAL_8250_CONSOLE=y
CONFIG_SERIAL_8250_PCI=y   CONFIG_SERIAL_8250_PCI=y
CONFIG_SERIAL_8250_PNP=y   CONFIG_SERIAL_8250_PNP=y
CONFIG_SERIAL_8250_CS=m    CONFIG_SERIAL_8250_CS=m
CONFIG_SERIAL_8250_NR_UARTS=32 CONFIG_SERIAL_8250_NR_UARTS=32
CONFIG_SERIAL_8250_RUNTIME_UARTS=4 CONFIG_SERIAL_8250_RUNTIME_UARTS=4
CONFIG_SERIAL_8250_EXTENDED=y CONFIG_SERIAL_8250_EXTENDED=y
CONFIG_SERIAL_8250_MANY_PORTS=y CONFIG_SERIAL_8250_MANY_PORTS=y
CONFIG_SERIAL_8250_SHARE_IRQ=y CONFIG_SERIAL_8250_SHARE_IRQ=y
CONFIG_SERIAL_8250_DETECT_IRQ=y CONFIG_SERIAL_8250_DETECT_IRQ=y
CONFIG_SERIAL_8250_RSA=y   CONFIG_SERIAL_8250_RSA=y

#
#
# Non-8250 serial port support      # Non-8250 serial port support
#
CONFIG_SERIAL_CORE=y          CONFIG_SERIAL_CORE=y
CONFIG_SERIAL_CORE_CONSOLE=y  CONFIG_SERIAL_CORE_CONSOLE=y
CONFIG_SERIAL_JSM=m           CONFIG_SERIAL_JSM=m
CONFIG_UNIX98_PTYS=y         CONFIG_UNIX98_PTYS=y
# CONFIG_LEGACY_PTYS is not set    # CONFIG_LEGACY_PTYS is not set
CONFIG_CRASH=m                CONFIG_CRASH=m
CONFIG_PRINTER=m              CONFIG_PRINTER=m
CONFIG_LP_CONSOLE=y           CONFIG_LP_CONSOLE=y
CONFIG_PPDEV=m                CONFIG_PPDEV=m
# CONFIG_TIPAR is not set         # CONFIG_TIPAR is not set

#
#
# IPMI          # IPMI
#
CONFIG_IPMI_HANDLER=m          CONFIG_IPMI_HANDLER=m
# CONFIG_IPMI_PANIC_EVENT is not set # CONFIG_IPMI_PANIC_EVENT is not set
CONFIG_IPMI_DEVICE_INTERFACE=m CONFIG_IPMI_DEVICE_INTERFACE=m
CONFIG_IPMI_SI=m              CONFIG_IPMI_SI=m
CONFIG_IPMI_WATCHDOG=m         CONFIG_IPMI_WATCHDOG=m
CONFIG_IPMI_POWEROFF=m         CONFIG_IPMI_POWEROFF=m

#
#
# Watchdog Cards      # Watchdog Cards
#
CONFIG_WATCHDOG=y        CONFIG_WATCHDOG=y
# CONFIG_WATCHDOG_NOWAYOUT is not set # CONFIG_WATCHDOG_NOWAYOUT is not set

#
#
# Watchdog Device Drivers      # Watchdog Device Drivers
#
CONFIG_SOFT_WATCHDOG=m        CONFIG_SOFT_WATCHDOG=m
# CONFIG_ACQUIRE_WDT is not set # CONFIG_ACQUIRE_WDT is not set
# CONFIG_ADVANTECH_WDT is not set # CONFIG_ADVANTECH_WDT is not set
CONFIG_ALIM1535_WDT=m         CONFIG_ALIM1535_WDT=m
CONFIG_ALIM7101_WDT=m         CONFIG_ALIM7101_WDT=m
# CONFIG_SC520_WDT is not set     # CONFIG_SC520_WDT is not set
# CONFIG_EUROTECH_WDT is not set  # CONFIG_EUROTECH_WDT is not set
# CONFIG_IB700_WDT is not set     # CONFIG_IB700_WDT is not set
CONFIG_IBMASR=m               CONFIG_IBMASR=m
# CONFIG_WAFER_WDT is not set     # CONFIG_WAFER_WDT is not set
CONFIG_I6300ESB_WDT=m         CONFIG_I6300ESB_WDT=m
CONFIG_I8XX_TCO=m             CONFIG_I8XX_TCO=m
# CONFIG_SC1200_WDT is not set    # CONFIG_SC1200_WDT is not set
# CONFIG_60XX_WDT is not set      # CONFIG_60XX_WDT is not set
# CONFIG_SBC8360_WDT is not set   # CONFIG_SBC8360_WDT is not set
# CONFIG_CPU5_WDT is not set      # CONFIG_CPU5_WDT is not set
CONFIG_W83627HF_WDT=m         CONFIG_W83627HF_WDT=m
CONFIG_W83877F_WDT=m          CONFIG_W83877F_WDT=m
CONFIG_W83977F_WDT=m          CONFIG_W83977F_WDT=m
CONFIG_MACHZ_WDT=m            CONFIG_MACHZ_WDT=m
# CONFIG_SBC_EPX_C3_WATCHDOG is not set # CONFIG_SBC_EPX_C3_WATCHDOG is not set

#
#
# PCI-based Watchdog Cards      # PCI-based Watchdog Cards

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#           #
CONFIG_PCIPCWATCHDOG=m          CONFIG_PCIPCWATCHDOG=m
CONFIG_WDTPCI=m                 CONFIG_WDTPCI=m
CONFIG_WDT_501_PCI=y           CONFIG_WDT_501_PCI=y

#           #
# USB-based Watchdog Cards      # USB-based Watchdog Cards
#           #
CONFIG_USBPCWATCHDOG=m          CONFIG_USBPCWATCHDOG=m
CONFIG_HW_RANDOM=y              CONFIG_HW_RANDOM=y
CONFIG_HW_RANDOM_INTEL=m        CONFIG_HW_RANDOM_INTEL=m
CONFIG_HW_RANDOM_AMD=m          CONFIG_HW_RANDOM_AMD=m
CONFIG_HW_RANDOM_GEODE=m        CONFIG_HW_RANDOM_GEODE=m
CONFIG_HW_RANDOM_VIA=m          CONFIG_HW_RANDOM_VIA=m
CONFIG_NVRAM=y                  CONFIG_NVRAM=y
CONFIG_RTC=y                    CONFIG_RTC=y
CONFIG_DTLK=m                   CONFIG_DTLK=m
# CONFIG_R3964 is not set       # CONFIG_R3964 is not set
# CONFIG_APPLICOM is not set    # CONFIG_APPLICOM is not set
CONFIG_SONYPI=m                 CONFIG_SONYPI=m

#           #
# Ftape, the floppy tape device driver  # Ftape, the floppy tape device driver
#           #
CONFIG_AGP=y                    CONFIG_AGP=y
CONFIG_AGP_ALI=y                CONFIG_AGP_ALI=y
CONFIG_AGP_ATI=y                CONFIG_AGP_ATI=y
CONFIG_AGP_AMD=y                CONFIG_AGP_AMD=y
CONFIG_AGP_AMD64=y              CONFIG_AGP_AMD64=y
CONFIG_AGP_INTEL=y              CONFIG_AGP_INTEL=y
CONFIG_AGP_NVIDIA=y             CONFIG_AGP_NVIDIA=y
CONFIG_AGP_SIS=y                CONFIG_AGP_SIS=y
CONFIG_AGP_SWWORKS=y            CONFIG_AGP_SWWORKS=y
CONFIG_AGP_VIA=y                CONFIG_AGP_VIA=y
CONFIG_AGP_EFFICEON=y           CONFIG_AGP_EFFICEON=y
CONFIG_DRM=m                    CONFIG_DRM=m
# CONFIG_DRM_TDFX is not set     # CONFIG_DRM_TDFX is not set
CONFIG_DRM_R128=m               CONFIG_DRM_R128=m
CONFIG_DRM_RADEON=m             CONFIG_DRM_RADEON=m
CONFIG_DRM_I810=m               CONFIG_DRM_I810=m
CONFIG_DRM_I830=m               CONFIG_DRM_I830=m
CONFIG_DRM_I915=m               CONFIG_DRM_I915=m
CONFIG_DRM_MGA=m                CONFIG_DRM_MGA=m
# CONFIG_DRM_SIS is not set      # CONFIG_DRM_SIS is not set
CONFIG_DRM_VIA=m                CONFIG_DRM_VIA=m
CONFIG_DRM_SAVAGE=m             CONFIG_DRM_SAVAGE=m

#           #
# PCMCIA character devices       # PCMCIA character devices
#           #
# CONFIG_SYNCLINK_CS is not set   # CONFIG_SYNCLINK_CS is not set
CONFIG_CARDMAN_4000=m           CONFIG_CARDMAN_4000=m
CONFIG_CARDMAN_4040=m           CONFIG_CARDMAN_4040=m
# CONFIG_MWAVE is not set        # CONFIG_MWAVE is not set
CONFIG_PC8736x_GPIO=m           CONFIG_PC8736x_GPIO=m
CONFIG_NSC_GPIO=m               CONFIG_NSC_GPIO=m
CONFIG_CS5535_GPIO=m            CONFIG_CS5535_GPIO=m
CONFIG_RAW_DRIVER=y              CONFIG_RAW_DRIVER=y
CONFIG_MAX_RAW_DEVS=8192        CONFIG_MAX_RAW_DEVS=8192
CONFIG_HPET=y                   CONFIG_HPET=y
# CONFIG_HPET_RTC_IRQ is not set  # CONFIG_HPET_RTC_IRQ is not set
# CONFIG_HPET_MMAP is not set    # CONFIG_HPET_MMAP is not set
CONFIG_HANGCHECK_TIMER=m        CONFIG_HANGCHECK_TIMER=m

#           #
# TPM devices                    # TPM devices
#           #
# CONFIG_TCG_TPM is not set       # CONFIG_TCG_TPM is not set
# CONFIG_TELCLOCK is not set     # CONFIG_TELCLOCK is not set

#           #
# I2C support                    # I2C support
#           #
CONFIG_I2C=m                    CONFIG_I2C=m
CONFIG_I2C_CHARDEV=m            CONFIG_I2C_CHARDEV=m

#           #
# I2C Algorithms                 # I2C Algorithms
#           #

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CONFIG_I2C_ALGOBIT=m          CONFIG_I2C_ALGOBIT=m
CONFIG_I2C_ALGOPCF=m          CONFIG_I2C_ALGOPCF=m

CONFIG_I2C_ALGOPCA=m          CONFIG_I2C_ALGOPCA=m

#          #
# I2C Hardware Bus support      # I2C Hardware Bus support
#          #
CONFIG_I2C_ALI1535=m          CONFIG_I2C_ALI1535=m
CONFIG_I2C_ALI1563=m          CONFIG_I2C_ALI1563=m
CONFIG_I2C_ALI15X3=m          CONFIG_I2C_ALI15X3=m
CONFIG_I2C_AMD756=m           CONFIG_I2C_AMD756=m
CONFIG_I2C_AMD756_S4882=m     CONFIG_I2C_AMD756_S4882=m
CONFIG_I2C_AMD8111=m          CONFIG_I2C_AMD8111=m
CONFIG_I2C_I801=m             CONFIG_I2C_I801=m
CONFIG_I2C_I810=m             CONFIG_I2C_I810=m
CONFIG_I2C_PIIX4=m            CONFIG_I2C_PIIX4=m
CONFIG_I2C_ISA=m              CONFIG_I2C_ISA=m
CONFIG_I2C_NFORCE2=m          CONFIG_I2C_NFORCE2=m
# CONFIG_I2C_OCORES is not set # CONFIG_I2C_OCORES is not set
CONFIG_I2C_PARPORT=m          CONFIG_I2C_PARPORT=m
CONFIG_I2C_PARPORT_LIGHT=m     CONFIG_I2C_PARPORT_LIGHT=m
CONFIG_I2C_PROSAVAGE=m         CONFIG_I2C_PROSAVAGE=m
CONFIG_I2C_SAVAGE4=m           CONFIG_I2C_SAVAGE4=m
# CONFIG_SCx200_ACB is not set # CONFIG_SCx200_ACB is not set
CONFIG_I2C_SIS5595=m           CONFIG_I2C_SIS5595=m
CONFIG_I2C_SIS630=m           CONFIG_I2C_SIS630=m
CONFIG_I2C_SIS96X=m           CONFIG_I2C_SIS96X=m
CONFIG_I2C_STUB=m             CONFIG_I2C_STUB=m
CONFIG_I2C_VIA=m              CONFIG_I2C_VIA=m
CONFIG_I2C_VIAPRO=m           CONFIG_I2C_VIAPRO=m
CONFIG_I2C_VOODOO3=m          CONFIG_I2C_VOODOO3=m
# CONFIG_I2C_PCA_ISA is not set # CONFIG_I2C_PCA_ISA is not set

#          #
# Miscellaneous I2C Chip support # Miscellaneous I2C Chip support
#          #
CONFIG_SENSORS_DS1337=m        CONFIG_SENSORS_DS1337=m
CONFIG_SENSORS_DS1374=m        CONFIG_SENSORS_DS1374=m
CONFIG_SENSORS_EEPROM=m        CONFIG_SENSORS_EEPROM=m
CONFIG_SENSORS_PCF8574=m       CONFIG_SENSORS_PCF8574=m
CONFIG_SENSORS_PCA9539=m       CONFIG_SENSORS_PCA9539=m
CONFIG_SENSORS_PCF8591=m       CONFIG_SENSORS_PCF8591=m
CONFIG_SENSORS_MAX6875=m       CONFIG_SENSORS_MAX6875=m
# CONFIG_I2C_DEBUG_CORE is not set # CONFIG_I2C_DEBUG_CORE is not set
# CONFIG_I2C_DEBUG_ALGO is not set # CONFIG_I2C_DEBUG_ALGO is not set
# CONFIG_I2C_DEBUG_BUS is not set # CONFIG_I2C_DEBUG_BUS is not set
# CONFIG_I2C_DEBUG_CHIP is not set # CONFIG_I2C_DEBUG_CHIP is not set

#          #
# SPI support                    # SPI support
#          #
# CONFIG_SPI is not set          # CONFIG_SPI is not set
# CONFIG_SPI_MASTER is not set   # CONFIG_SPI_MASTER is not set

#          #
# Dallas's 1-wire bus            # Dallas's 1-wire bus
#          #
# CONFIG_W1 is not set           # CONFIG_W1 is not set

#          #
# Hardware Monitoring support      # Hardware Monitoring support
#          #
CONFIG_HWMON=m                 CONFIG_HWMON=m
CONFIG_HWMON_VID=m             CONFIG_HWMON_VID=m
CONFIG_SENSORS_ABITUGURU=m     CONFIG_SENSORS_ABITUGURU=m
CONFIG_SENSORS_ADM1021=m       CONFIG_SENSORS_ADM1021=m
CONFIG_SENSORS_ADM1025=m       CONFIG_SENSORS_ADM1025=m
CONFIG_SENSORS_ADM1026=m       CONFIG_SENSORS_ADM1026=m
CONFIG_SENSORS_ADM1031=m       CONFIG_SENSORS_ADM1031=m
CONFIG_SENSORS_ADM9240=m       CONFIG_SENSORS_ADM9240=m
CONFIG_SENSORS_ASB100=m        CONFIG_SENSORS_ASB100=m
CONFIG_SENSORS_ATXP1=m         CONFIG_SENSORS_ATXP1=m
CONFIG_SENSORS_DS1621=m        CONFIG_SENSORS_DS1621=m
CONFIG_SENSORS_F71805F=m       CONFIG_SENSORS_F71805F=m
CONFIG_SENSORS_FSCHER=m        CONFIG_SENSORS_FSCHER=m
CONFIG_SENSORS_FSCPOS=m        CONFIG_SENSORS_FSCPOS=m
CONFIG_SENSORS_GL518SM=m       CONFIG_SENSORS_GL518SM=m
CONFIG_SENSORS_GL520SM=m       CONFIG_SENSORS_GL520SM=m

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CONFIG_SENSORS_IT87=m          CONFIG_SENSORS_IT87=m
CONFIG_SENSORS_LM63=m          CONFIG_SENSORS_LM63=m
CONFIG_SENSORS_LM75=m          CONFIG_SENSORS_LM75=m
CONFIG_SENSORS_LM77=m          CONFIG_SENSORS_LM77=m
CONFIG_SENSORS_LM78=m          CONFIG_SENSORS_LM78=m
CONFIG_SENSORS_LM80=m          CONFIG_SENSORS_LM80=m
CONFIG_SENSORS_LM83=m          CONFIG_SENSORS_LM83=m
CONFIG_SENSORS_LM85=m          CONFIG_SENSORS_LM85=m
CONFIG_SENSORS_LM87=m          CONFIG_SENSORS_LM87=m
CONFIG_SENSORS_LM90=m          CONFIG_SENSORS_LM90=m
CONFIG_SENSORS_LM92=m          CONFIG_SENSORS_LM92=m
CONFIG_SENSORS_MAX1619=m       CONFIG_SENSORS_MAX1619=m
CONFIG_SENSORS_PC87360=m       CONFIG_SENSORS_PC87360=m
CONFIG_SENSORS_SIS5595=m       CONFIG_SENSORS_SIS5595=m
CONFIG_SENSORS_SMSC47M1=m      CONFIG_SENSORS_SMSC47M1=m
CONFIG_SENSORS_SMSC47M192=m    CONFIG_SENSORS_SMSC47M192=m
CONFIG_SENSORS_SMSC47B397=m    CONFIG_SENSORS_SMSC47B397=m
CONFIG_SENSORS_VIA686A=m       CONFIG_SENSORS_VIA686A=m
CONFIG_SENSORS_VT8231=m        CONFIG_SENSORS_VT8231=m
CONFIG_SENSORS_W83781D=m       CONFIG_SENSORS_W83781D=m
CONFIG_SENSORS_W83791D=m       CONFIG_SENSORS_W83791D=m
CONFIG_SENSORS_W83792D=m       CONFIG_SENSORS_W83792D=m
CONFIG_SENSORS_W83L785TS=m     CONFIG_SENSORS_W83L785TS=m
CONFIG_SENSORS_W83627HF=m      CONFIG_SENSORS_W83627HF=m
CONFIG_SENSORS_W83627EHF=m     CONFIG_SENSORS_W83627EHF=m
CONFIG_SENSORS_HDAPS=m         CONFIG_SENSORS_HDAPS=m
# CONFIG_HWMON_DEBUG_CHIP is not set  # CONFIG_HWMON_DEBUG_CHIP is not set

# #
# Misc devices          # Misc devices
# #
CONFIG_IBM_ASM=m         CONFIG_IBM_ASM=m

# #
# Multimedia devices    # Multimedia devices
# #
CONFIG_VIDEO_DEV=m       CONFIG_VIDEO_DEV=m
CONFIG_VIDEO_V4L1=y      CONFIG_VIDEO_V4L1=y
CONFIG_VIDEO_V4L1_COMPAT=y  CONFIG_VIDEO_V4L1_COMPAT=y
CONFIG_VIDEO_V4L2=y      CONFIG_VIDEO_V4L2=y

# #
# Video Capture Adapters  # Video Capture Adapters
# #

# #
# Video Capture Adapters  # Video Capture Adapters
# #
# CONFIG_VIDEO_ADV_DEBUG is not set  # CONFIG_VIDEO_ADV_DEBUG is not set
# CONFIG_VIDEO_VIVI is not set      | CONFIG_VIDEO_VIVI=m
CONFIG_VIDEO_BT848=m          CONFIG_VIDEO_BT848=m
    > # CONFIG_VIDEO_BT848_DVB is not set
CONFIG_VIDEO_SAA6588=m        CONFIG_VIDEO_SAA6588=m
# CONFIG_VIDEO_BWQCAM is not set    | CONFIG_VIDEO_BWQCAM=m
# CONFIG_VIDEO_CQCAM is not set     | CONFIG_VIDEO_CQCAM=m
# CONFIG_VIDEO_W9966 is not set     | CONFIG_VIDEO_W9966=m
# CONFIG_VIDEO_CPIA is not set      | CONFIG_VIDEO_CPIA=m
    > CONFIG_VIDEO_CPIA_PP=m
    > CONFIG_VIDEO_CPIA_USB=m
CONFIG_VIDEO_CPIA2=m          CONFIG_VIDEO_CPIA2=m
# CONFIG_VIDEO_SAA5246A is not set   | CONFIG_VIDEO_SAA5246A=m
# CONFIG_VIDEO_SAA5249 is not set    | CONFIG_VIDEO_SAA5249=m
# CONFIG_TUNER_3036 is not set       | CONFIG_TUNER_3036=m
# CONFIG_VIDEO_STRADIS is not set    | CONFIG_VIDEO_STRADIS=m
# CONFIG_VIDEO_ZORAN is not set      | CONFIG_VIDEO_ZORAN=m
# CONFIG_VIDEO_MEYE is not set       | CONFIG_VIDEO_ZORAN_BUZ=m
# CONFIG_VIDEO_SAA7134 is not set    | CONFIG_VIDEO_ZORAN_DC10=m
# CONFIG_VIDEO_MXB is not set        | CONFIG_VIDEO_ZORAN_DC30=m
# CONFIG_VIDEO_DPC is not set        | CONFIG_VIDEO_ZORAN_LML33=m
# CONFIG_VIDEO_HEXIUM_ORION is not set | CONFIG_VIDEO_ZORAN_LML33R10=m
# CONFIG_VIDEO_HEXIUM_GEMINI is not set | CONFIG_VIDEO_ZORAN_AVS6EYES=m
# CONFIG_VIDEO_CX88 is not set      | CONFIG_VIDEO_MEYE=m
    > CONFIG_VIDEO_SAA7134=m
    > CONFIG_VIDEO_SAA7134_ALSA=m
    > # CONFIG_VIDEO_SAA7134_DVB is not set
    > CONFIG_VIDEO_MXB=m
    > CONFIG_VIDEO_DPC=m
    > CONFIG_VIDEO_HEXIUM_ORION=m
    > CONFIG_VIDEO_HEXIUM_GEMINI=m

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> CONFIG_VIDEO_CX88_VP3054=m
> CONFIG_VIDEO_CX88=m
> CONFIG_VIDEO_CX88_ALSA=m
> CONFIG_VIDEO_CX88_BLACKBIRD=m
> CONFIG_VIDEO_CX88_DVB=m
> CONFIG_VIDEO_CX88_DVB_ALL_FRONTENDS=y

#
# Encoders and Decoders      # Encoders and Decoders
#
CONFIG_VIDEO_MSP3400=m      CONFIG_VIDEO_MSP3400=m
CONFIG_VIDEO_CS53L32A=m      CONFIG_VIDEO_CS53L32A=m
CONFIG_VIDEO_TLV320AIC23B=m    CONFIG_VIDEO_TLV320AIC23B=m
CONFIG_VIDEO_WM8775=m      CONFIG_VIDEO_WM8775=m
CONFIG_VIDEO_WM8739=m      CONFIG_VIDEO_WM8739=m
CONFIG_VIDEO_CX2341X=m      CONFIG_VIDEO_CX2341X=m
CONFIG_VIDEO_CX25840=m      CONFIG_VIDEO_CX25840=m
CONFIG_VIDEO_SAA711X=m      CONFIG_VIDEO_SAA711X=m
CONFIG_VIDEO_SAA7127=m      CONFIG_VIDEO_SAA7127=m
CONFIG_VIDEO_UPD64031A=m      CONFIG_VIDEO_UPD64031A=m
CONFIG_VIDEO_UPD64083=m      CONFIG_VIDEO_UPD64083=m

#
# V4L USB devices          # V4L USB devices
#
CONFIG_VIDEO_PVRUSB2=m      CONFIG_VIDEO_PVRUSB2=m
CONFIG_VIDEO_PVRUSB2_24XXX=y    CONFIG_VIDEO_PVRUSB2_24XXX=y
CONFIG_VIDEO_PVRUSB2_SYSFS=y    CONFIG_VIDEO_PVRUSB2_SYSFS=y
# CONFIG_VIDEO_PVRUSB2_DEBUGIFC is not set # CONFIG_VIDEO_PVRUSB2_DEBUGIFC is not set
CONFIG_VIDEO_EM28XX=m      CONFIG_VIDEO_EM28XX=m
CONFIG_VIDEO_USBVIDEO=m      CONFIG_VIDEO_USBVIDEO=m
CONFIG_USB_VICAM=m      CONFIG_USB_VICAM=m
CONFIG_USB_IBMCAM=m      CONFIG_USB_IBMCAM=m
CONFIG_USB_KONICAWC=m      CONFIG_USB_KONICAWC=m
CONFIG_USB_QUICKCAM_MESSENGER=m    CONFIG_USB_QUICKCAM_MESSENGER=m
CONFIG_USB_ET61X251=m      CONFIG_USB_ET61X251=m
CONFIG_VIDEO_OVCAMCHIP=m      CONFIG_VIDEO_OVCAMCHIP=m
CONFIG_USB_W9968CF=m      CONFIG_USB_W9968CF=m
CONFIG_USB_OV511=m      CONFIG_USB_OV511=m
CONFIG_USB_SE401=m      CONFIG_USB_SE401=m
CONFIG_USB_SN9C102=m      CONFIG_USB_SN9C102=m
CONFIG_USB_STV680=m      CONFIG_USB_STV680=m
CONFIG_USB_ZC0301=m      CONFIG_USB_ZC0301=m
CONFIG_USB_PWC=m      CONFIG_USB_PWC=m
# CONFIG_USB_PWC_DEBUG is not set # CONFIG_USB_PWC_DEBUG is not set

#
# Radio Adapters          # Radio Adapters
#
# CONFIG_RADIO_GEMTEK_PCI is not set | CONFIG_RADIO_GEMTEK_PCI=m
# CONFIG_RADIO_MAXIRADIO is not set | CONFIG_RADIO_MAXIRADIO=m
# CONFIG_RADIO_MAESTRO is not set | CONFIG_RADIO_MAESTRO=m
CONFIG_USB_DSBR=m      CONFIG_USB_DSBR=m

#
# Digital Video Broadcasting Devices # Digital Video Broadcasting Devices
#
# CONFIG_DVB is not set | CONFIG_DVB=y
> CONFIG_DVB_CORE=m
>
> #
> # Supported SAA7146 based PCI Adapters
> #
> CONFIG_DVB_AV7110=m
> CONFIG_DVB_AV7110_OSD=y
> CONFIG_DVB_BUDGET=m
> CONFIG_DVB_BUDGET_CI=m
> CONFIG_DVB_BUDGET_AV=m
> CONFIG_DVB_BUDGET_PATCH=m
>
> #
> # Supported USB Adapters
> #
> CONFIG_DVB_USB=m
> # CONFIG_DVB_USB_DEBUG is not set
> CONFIG_DVB_USB_A800=m
> CONFIG_DVB_USB_DIBUSB_MB=m
> CONFIG_DVB_USB_DIBUSB_MB_FAULTY=y
> CONFIG_DVB_USB_DIBUSB_MC=m

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> CONFIG_DVB_USB_UMT_010=m
> CONFIG_DVB_USB_CXUSB=m
> CONFIG_DVB_USB_DIGITV=m
> CONFIG_DVB_USB_VP7045=m
> CONFIG_DVB_USB_VP702X=m
> CONFIG_DVB_USB_GP8PSK=m
> CONFIG_DVB_USB_NOVA_T_USB2=m
> CONFIG_DVB_USB_DTT200U=m
> CONFIG_DVB_TTUSB_BUDGET=m
> CONFIG_DVB_TTUSB_DEC=m
> CONFIG_DVB_CINERGYT2=m
> CONFIG_DVB_CINERGYT2_TUNING=y
> CONFIG_DVB_CINERGYT2_STREAM_URB_COUNT=32
> CONFIG_DVB_CINERGYT2_STREAM_BUF_SIZE=512
> CONFIG_DVB_CINERGYT2_QUERY_INTERVAL=250
> CONFIG_DVB_CINERGYT2_ENABLE_RC_INPUT_DEVICE=y
> CONFIG_DVB_CINERGYT2_RC_QUERY_INTERVAL=50
>
> #
> # Supported FlexCopII (B2C2) Adapters
> #
> CONFIG_DVB_B2C2_FLEXCOP=m
> CONFIG_DVB_B2C2_FLEXCOP_PCI=m
> CONFIG_DVB_B2C2_FLEXCOP_USB=m
> # CONFIG_DVB_B2C2_FLEXCOP_DEBUG is not set
>
> #
> # Supported BT878 Adapters
> #
> CONFIG_DVB_BT8XX=m
>
> #
> # Supported Pluto2 Adapters
> #
> CONFIG_DVB_PLUTO2=m
>
> #
> # Supported DVB Frontends
> #
>
> #
> # Customise DVB Frontends
> #
>
> #
> # DVB-S (satellite) frontends
> #
> CONFIG_DVB_STV0299=m
> CONFIG_DVB_CX24110=m
> CONFIG_DVB_CX24123=m
> CONFIG_DVB_TDA8083=m
> CONFIG_DVB_MT312=m
> CONFIG_DVB_VES1X93=m
> CONFIG_DVB_S5H1420=m
>
> #
> # DVB-T (terrestrial) frontends
> #
> CONFIG_DVB_SP8870=m
> CONFIG_DVB_SP887X=m
> CONFIG_DVB_CX22700=m
> CONFIG_DVB_CX22702=m
> CONFIG_DVB_L64781=m
> CONFIG_DVB_TDA1004X=m
> CONFIG_DVB_NXT6000=m
> CONFIG_DVB_MT352=m
> CONFIG_DVB_ZL10353=m
> CONFIG_DVB_DIB3000MB=m
> CONFIG_DVB_DIB3000MC=m
>
> #
> # DVB-C (cable) frontends
> #
> CONFIG_DVB_VES1820=m
> CONFIG_DVB_TDA10021=m
> CONFIG_DVB_STV0297=m
>
> #
> # ATSC (North American/Korean Terrestrial/Cable DTV) frontend
```

```

> #
> CONFIG_DVB_NXT200X=m
> CONFIG_DVB_OR51211=m
> CONFIG_DVB_OR51132=m
> CONFIG_DVB_BCM3510=m
> CONFIG_DVB_LGDT330X=m
>
> #
> # Miscellaneous devices
> #
> CONFIG_DVB_PLL=m
> CONFIG_DVB_LNBP21=m
> CONFIG_DVB_ISL6421=m
> CONFIG_VIDEO_SAA7146=m
> CONFIG_VIDEO_SAA7146_VV=m
> CONFIG_VIDEO_VIDEOBUF=m
CONFIG_VIDEO_TUNER=m          CONFIG_VIDEO_TUNER=m
CONFIG_VIDEO_BUF=m          CONFIG_VIDEO_BUF=m
> CONFIG_VIDEO_BUF_DVB=m
CONFIG_VIDEO_BTCCX=m          CONFIG_VIDEO_BTCCX=m
CONFIG_VIDEO_IR=m          CONFIG_VIDEO_IR=m
CONFIG_VIDEO_TVEEPROM=m          CONFIG_VIDEO_TVEEPROM=m
CONFIG_USB_DABUSB=m          CONFIG_USB_DABUSB=m

#
#
# Graphics support          # Graphics support
#
#
# CONFIG_FIRMWARE_EDID is not set      # CONFIG_FIRMWARE_EDID is not set
CONFIG_FB=y          CONFIG_FB=y
CONFIG_FB_CFB_FILLRECT=m          CONFIG_FB_CFB_FILLRECT=m
CONFIG_FB_CFB_COPYAREA=m          CONFIG_FB_CFB_COPYAREA=m
CONFIG_FB_CFB_IMAGEBLIT=m          CONFIG_FB_CFB_IMAGEBLIT=m
# CONFIG_FB_MACMODES is not set      # CONFIG_FB_MACMODES is not set
# CONFIG_FB_BACKLIGHT is not set      # CONFIG_FB_BACKLIGHT is not set
CONFIG_FB_MODE_HELPERS=y          CONFIG_FB_MODE_HELPERS=y
CONFIG_FB_TILEBLITTING=y          CONFIG_FB_TILEBLITTING=y
CONFIG_FB_CIRRUS=m          CONFIG_FB_CIRRUS=m
# CONFIG_FB_PM2 is not set      # CONFIG_FB_PM2 is not set
# CONFIG_FB_CYBER2000 is not set      # CONFIG_FB_CYBER2000 is not set
# CONFIG_FB_ARC is not set      # CONFIG_FB_ARC is not set
# CONFIG_FB_ASILANT is not set      # CONFIG_FB_ASILANT is not set
# CONFIG_FB_IMSTT is not set      # CONFIG_FB_IMSTT is not set
CONFIG_FB_VGA16=m          CONFIG_FB_VGA16=m
# CONFIG_FB_VESA is not set      # CONFIG_FB_VESA is not set
# CONFIG_FB_IMAC is not set      # CONFIG_FB_IMAC is not set
# CONFIG_FB_HGA is not set      # CONFIG_FB_HGA is not set
# CONFIG_FB_S1D13XXX is not set      # CONFIG_FB_S1D13XXX is not set
CONFIG_FB_NVIDIA=m          CONFIG_FB_NVIDIA=m
CONFIG_FB_NVIDIA_I2C=y          CONFIG_FB_NVIDIA_I2C=y
CONFIG_FB_RIVA=m          CONFIG_FB_RIVA=m
# CONFIG_FB_RIVA_I2C is not set      # CONFIG_FB_RIVA_I2C is not set
# CONFIG_FB_RIVA_DEBUG is not set      # CONFIG_FB_RIVA_DEBUG is not set
CONFIG_FB_I810=m          CONFIG_FB_I810=m
CONFIG_FB_I810_GTF=y          CONFIG_FB_I810_GTF=y
CONFIG_FB_I810_I2C=y          CONFIG_FB_I810_I2C=y
CONFIG_FB_INTEL=m          CONFIG_FB_INTEL=m
# CONFIG_FB_INTEL_DEBUG is not set      # CONFIG_FB_INTEL_DEBUG is not set
# CONFIG_FB_MATROX is not set      # CONFIG_FB_MATROX is not set
# CONFIG_FB_RADEON is not set      # CONFIG_FB_RADEON is not set
# CONFIG_FB_ATY128 is not set      # CONFIG_FB_ATY128 is not set
# CONFIG_FB_ATY is not set      # CONFIG_FB_ATY is not set
CONFIG_FB_SAVAGE=m          CONFIG_FB_SAVAGE=m
CONFIG_FB_SAVAGE_I2C=y          CONFIG_FB_SAVAGE_I2C=y
CONFIG_FB_SAVAGE_ACCEL=y          CONFIG_FB_SAVAGE_ACCEL=y
# CONFIG_FB_SIS is not set      # CONFIG_FB_SIS is not set
# CONFIG_FB_NEOMAGIC is not set      # CONFIG_FB_NEOMAGIC is not set
CONFIG_FB_KYRO=m          CONFIG_FB_KYRO=m
# CONFIG_FB_3DFX is not set      # CONFIG_FB_3DFX is not set
# CONFIG_FB_VOODOO1 is not set      # CONFIG_FB_VOODOO1 is not set
CONFIG_FB_CYBLA=m          CONFIG_FB_CYBLA=m
# CONFIG_FB_TRIDENT is not set      # CONFIG_FB_TRIDENT is not set
# CONFIG_FB_GEODE is not set      # CONFIG_FB_GEODE is not set
# CONFIG_FB_VIRTUAL is not set      # CONFIG_FB_VIRTUAL is not set

#
#
# Console display driver support      # Console display driver support
#
#
CONFIG_VGA_CONSOLE=y          CONFIG_VGA_CONSOLE=y
CONFIG_VGACON_SOFT_SCROLLBACK=y          CONFIG_VGACON_SOFT_SCROLLBACK=y

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CONFIG_VGACON_SOFT_SCROLLBACK_SIZE=64      CONFIG_VGACON_SOFT_SCROLLBACK_SIZE=64
CONFIG_VIDEO_SELECT=y                       CONFIG_VIDEO_SELECT=y
CONFIG_DUMMY_CONSOLE=y                     CONFIG_DUMMY_CONSOLE=y
CONFIG_FRAMEBUFFER_CONSOLE=y               CONFIG_FRAMEBUFFER_CONSOLE=y
CONFIG_FRAMEBUFFER_CONSOLE_ROTATION=y       CONFIG_FRAMEBUFFER_CONSOLE_ROTATION=y
# CONFIG_FONTS is not set                   # CONFIG_FONTS is not set
CONFIG_FONT_8x8=y                           CONFIG_FONT_8x8=y
CONFIG_FONT_8x16=y                         CONFIG_FONT_8x16=y

#      #
# Logo configuration                        # Logo configuration
#      #
CONFIG_LOGO=y                               CONFIG_LOGO=y
# CONFIG_LOGO_LINUX_MONO is not set        # CONFIG_LOGO_LINUX_MONO is not set
# CONFIG_LOGO_LINUX_VGA16 is not set        # CONFIG_LOGO_LINUX_VGA16 is not set
CONFIG_LOGO_LINUX_CLUT224=y               CONFIG_LOGO_LINUX_CLUT224=y
CONFIG_BACKLIGHT_LCD_SUPPORT=y             CONFIG_BACKLIGHT_LCD_SUPPORT=y
CONFIG_BACKLIGHT_CLASS_DEVICE=m            CONFIG_BACKLIGHT_CLASS_DEVICE=m
CONFIG_BACKLIGHT_DEVICE=y                  CONFIG_BACKLIGHT_DEVICE=y
CONFIG_LCD_CLASS_DEVICE=m                   CONFIG_LCD_CLASS_DEVICE=m
CONFIG_LCD_DEVICE=y                         CONFIG_LCD_DEVICE=y

#      #
# Sound                                  # Sound
#      #
CONFIG_SOUND=m                             CONFIG_SOUND=m

#      #
# Advanced Linux Sound Architecture        # Advanced Linux Sound Architecture
#      #
CONFIG_SND=m                               CONFIG_SND=m
CONFIG_SND_TIMER=m                         CONFIG_SND_TIMER=m
CONFIG_SND_PCM=m                           CONFIG_SND_PCM=m
CONFIG_SND_HWDEP=m                         CONFIG_SND_HWDEP=m
CONFIG_SND_RAWMIDI=m                       CONFIG_SND_RAWMIDI=m
CONFIG_SND_SEQUENCER=m                     CONFIG_SND_SEQUENCER=m
CONFIG_SND_SEQ_DUMMY=m                     CONFIG_SND_SEQ_DUMMY=m
CONFIG_SND_OSSEMUL=y                       CONFIG_SND_OSSEMUL=y
CONFIG_SND_MIXER_OSS=m                     CONFIG_SND_MIXER_OSS=m
CONFIG_SND_PCM_OSS=m                       CONFIG_SND_PCM_OSS=m
CONFIG_SND_PCM_OSS_PLUGINS=y               CONFIG_SND_PCM_OSS_PLUGINS=y
CONFIG_SND_SEQUENCER_OSS=y                 CONFIG_SND_SEQUENCER_OSS=y
CONFIG_SND_RTCTIMER=m                      CONFIG_SND_RTCTIMER=m
CONFIG_SND_SEQ_RTCTIMER_DEFAULT=y           CONFIG_SND_SEQ_RTCTIMER_DEFAULT=y
CONFIG_SND_DYNAMIC_MINORS=y                CONFIG_SND_DYNAMIC_MINORS=y
# CONFIG_SND_SUPPORT_OLD_API is not set     # CONFIG_SND_SUPPORT_OLD_API is not set
CONFIG_SND_VERBOSE_PROCFS=y                CONFIG_SND_VERBOSE_PROCFS=y
# CONFIG_SND_VERBOSE_PRINTK is not set       # CONFIG_SND_VERBOSE_PRINTK is not set
# CONFIG_SND_DEBUG is not set                # CONFIG_SND_DEBUG is not set

#      #
# Generic devices                          # Generic devices
#      #
CONFIG_SND_MPU401_UART=m                   CONFIG_SND_MPU401_UART=m
CONFIG_SND_OPL3_LIB=m                      CONFIG_SND_OPL3_LIB=m
CONFIG_SND_VX_LIB=m                        CONFIG_SND_VX_LIB=m
CONFIG_SND_AC97_CODEC=m                    CONFIG_SND_AC97_CODEC=m
CONFIG_SND_AC97_BUS=m                      CONFIG_SND_AC97_BUS=m
CONFIG_SND_DUMMY=m                         CONFIG_SND_DUMMY=m
CONFIG_SND_VIRMIDI=m                       CONFIG_SND_VIRMIDI=m
CONFIG_SND_MTPAV=m                         CONFIG_SND_MTPAV=m
# CONFIG_SND_SERIAL_U16550 is not set        # CONFIG_SND_SERIAL_U16550 is not set
CONFIG_SND_MPU401=m                        CONFIG_SND_MPU401=m

#      #
# PCI devices                             # PCI devices
#      #
CONFIG_SND_AD1889=m                        CONFIG_SND_AD1889=m
CONFIG_SND_ALS300=m                        CONFIG_SND_ALS300=m
CONFIG_SND_ALS4000=m                       CONFIG_SND_ALS4000=m
CONFIG_SND_ALI5451=m                       CONFIG_SND_ALI5451=m
CONFIG_SND_ATIIXP=m                        CONFIG_SND_ATIIXP=m
CONFIG_SND_ATIIXP_MODEM=m                   CONFIG_SND_ATIIXP_MODEM=m
CONFIG_SND_AU8810=m                         CONFIG_SND_AU8810=m
CONFIG_SND_AU8820=m                         CONFIG_SND_AU8820=m
CONFIG_SND_AU8830=m                         CONFIG_SND_AU8830=m
CONFIG_SND_AZT3328=m                       CONFIG_SND_AZT3328=m
CONFIG_SND_BT87X=m                         CONFIG_SND_BT87X=m
# CONFIG_SND_BT87X_OVERCLOCK is not set      # CONFIG_SND_BT87X_OVERCLOCK is not set

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CONFIG_SND_CA0106=m          CONFIG_SND_CA0106=m
CONFIG_SND_CMIPCI=m          CONFIG_SND_CMIPCI=m
CONFIG_SND_CS4281=m          CONFIG_SND_CS4281=m
CONFIG_SND_CS46XX=m          CONFIG_SND_CS46XX=m
CONFIG_SND_CS46XX_NEW_DSP=y   CONFIG_SND_CS46XX_NEW_DSP=y
CONFIG_SND_CS5535AUDIO=m      CONFIG_SND_CS5535AUDIO=m
CONFIG_SND_DARLA20=m          CONFIG_SND_DARLA20=m
CONFIG_SND_GINA20=m           CONFIG_SND_GINA20=m
CONFIG_SND_LAYLA20=m          CONFIG_SND_LAYLA20=m
CONFIG_SND_DARLA24=m          CONFIG_SND_DARLA24=m
CONFIG_SND_GINA24=m           CONFIG_SND_GINA24=m
CONFIG_SND_LAYLA24=m          CONFIG_SND_LAYLA24=m
CONFIG_SND_MONA=m             CONFIG_SND_MONA=m
CONFIG_SND_MIA=m              CONFIG_SND_MIA=m
CONFIG_SND_ECHO3G=m           CONFIG_SND_ECHO3G=m
CONFIG_SND_INDIGO=m           CONFIG_SND_INDIGO=m
CONFIG_SND_INDIGOIO=m         CONFIG_SND_INDIGOIO=m
CONFIG_SND_INDIGODJ=m         CONFIG_SND_INDIGODJ=m
CONFIG_SND_EMU10K1=m          CONFIG_SND_EMU10K1=m
CONFIG_SND_EMU10K1X=m         CONFIG_SND_EMU10K1X=m
CONFIG_SND_ENS1370=m          CONFIG_SND_ENS1370=m
CONFIG_SND_ENS1371=m          CONFIG_SND_ENS1371=m
CONFIG_SND_ES1938=m           CONFIG_SND_ES1938=m
CONFIG_SND_ES1968=m           CONFIG_SND_ES1968=m
CONFIG_SND_FM801=m            CONFIG_SND_FM801=m
CONFIG_SND_FM801_TEA575X_BOOL=y CONFIG_SND_FM801_TEA575X_BOOL=y
CONFIG_SND_FM801_TEA575X=m    CONFIG_SND_FM801_TEA575X=m
CONFIG_SND_HDA_INTEL=m        CONFIG_SND_HDA_INTEL=m
CONFIG_SND_HDSP=m             CONFIG_SND_HDSP=m
CONFIG_SND_HDSPM=m            CONFIG_SND_HDSPM=m
CONFIG_SND_ICE1712=m          CONFIG_SND_ICE1712=m
CONFIG_SND_ICE1724=m          CONFIG_SND_ICE1724=m
CONFIG_SND_INTEL8X0=m          CONFIG_SND_INTEL8X0=m
CONFIG_SND_INTEL8X0M=m         CONFIG_SND_INTEL8X0M=m
CONFIG_SND_KORG1212=m          CONFIG_SND_KORG1212=m
CONFIG_SND_MAESTRO3=m          CONFIG_SND_MAESTRO3=m
CONFIG_SND_MIXART=m           CONFIG_SND_MIXART=m
CONFIG_SND_NM256=m            CONFIG_SND_NM256=m
CONFIG_SND_PCXHR=m            CONFIG_SND_PCXHR=m
CONFIG_SND_RIPTIDE=m          CONFIG_SND_RIPTIDE=m
CONFIG_SND_RME32=m            CONFIG_SND_RME32=m
CONFIG_SND_RME96=m            CONFIG_SND_RME96=m
CONFIG_SND_RME9652=m          CONFIG_SND_RME9652=m
CONFIG_SND_SONICVIBES=m       CONFIG_SND_SONICVIBES=m
CONFIG_SND_TRIDENT=m          CONFIG_SND_TRIDENT=m
CONFIG_SND_VIA82XX=m          CONFIG_SND_VIA82XX=m
CONFIG_SND_VIA82XX_MODEM=m     CONFIG_SND_VIA82XX_MODEM=m
CONFIG_SND_VX222=m            CONFIG_SND_VX222=m
CONFIG_SND_YMFPCI=m           CONFIG_SND_YMFPCI=m

#           #
# USB devices      # USB devices
#           #
CONFIG_SND_USB_AUDIO=m          CONFIG_SND_USB_AUDIO=m
CONFIG_SND_USB_USX2Y=m          CONFIG_SND_USB_USX2Y=m

#           #
# PCMCIA devices   # PCMCIA devices
#           #
# CONFIG_SND_VXPOCKET is not set  # CONFIG_SND_VXPOCKET is not set
# CONFIG_SND_PDAUDIOCF is not set  # CONFIG_SND_PDAUDIOCF is not set

#           #
# Open Sound System      # Open Sound System
#           #
# CONFIG_SOUND_PRIME is not set  # CONFIG_SOUND_PRIME is not set

#           #
# USB support           # USB support
#           #
CONFIG_USB_ARCH_HAS_HCD=y        CONFIG_USB_ARCH_HAS_HCD=y
CONFIG_USB_ARCH_HAS_OHCI=y        CONFIG_USB_ARCH_HAS_OHCI=y
CONFIG_USB_ARCH_HAS_EHCI=y        CONFIG_USB_ARCH_HAS_EHCI=y
CONFIG_USB=y                      CONFIG_USB=y
# CONFIG_USB_DEBUG is not set      # CONFIG_USB_DEBUG is not set

#           #
# Miscellaneous USB options      # Miscellaneous USB options
#           #

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CONFIG_USB_DEVICEFS=y          CONFIG_USB_DEVICEFS=y
# CONFIG_USB_BANDWIDTH is not set # CONFIG_USB_BANDWIDTH is not set
# CONFIG_USB_DYNAMIC_MINORS is not set # CONFIG_USB_DYNAMIC_MINORS is not set
# CONFIG_USB_SUSPEND is not set # CONFIG_USB_SUSPEND is not set
# CONFIG_USB_OTG is not set # CONFIG_USB_OTG is not set

#
#
# USB Host Controller Drivers # USB Host Controller Drivers
#
CONFIG_USB_EHCI_HCD=m          CONFIG_USB_EHCI_HCD=m
CONFIG_USB_EHCI_SPLIT_ISO=y    CONFIG_USB_EHCI_SPLIT_ISO=y
CONFIG_USB_EHCI_ROOT_HUB_TT=y  CONFIG_USB_EHCI_ROOT_HUB_TT=y
CONFIG_USB_EHCI_TT_NEWSCHED=y  CONFIG_USB_EHCI_TT_NEWSCHED=y
CONFIG_USB_ISP116X_HCD=m       CONFIG_USB_ISP116X_HCD=m
CONFIG_USB_OHCI_HCD=m          CONFIG_USB_OHCI_HCD=m
# CONFIG_USB_OHCI_BIG_ENDIAN is not set # CONFIG_USB_OHCI_BIG_ENDIAN is not set
CONFIG_USB_OHCI_LITTLE_ENDIAN=y CONFIG_USB_OHCI_LITTLE_ENDIAN=y
CONFIG_USB_UHCI_HCD=m          CONFIG_USB_UHCI_HCD=m
CONFIG_USB_SL811_HCD=m         CONFIG_USB_SL811_HCD=m
CONFIG_USB_SL811_CS=m          CONFIG_USB_SL811_CS=m

#
#
# USB Device Class drivers # USB Device Class drivers
#
CONFIG_USB_ACM=m              CONFIG_USB_ACM=m
CONFIG_USB_PRINTER=m          CONFIG_USB_PRINTER=m

#
#
# NOTE: USB_STORAGE enables SCSI, and 'SCSI disk support' # NOTE: USB_STORAGE enables SCSI, and
#
#
# may also be needed; see USB_STORAGE Help for more informati # may also be needed; see USB_STOR
#
CONFIG_USB_STORAGE=m          CONFIG_USB_STORAGE=m
# CONFIG_USB_STORAGE_DEBUG is not set # CONFIG_USB_STORAGE_DEBUG is not set
CONFIG_USB_STORAGE_DATAFAB=y  CONFIG_USB_STORAGE_DATAFAB=y
CONFIG_USB_STORAGE_FREECOM=y  CONFIG_USB_STORAGE_FREECOM=y
CONFIG_USB_STORAGE_ISD200=y   CONFIG_USB_STORAGE_ISD200=y
CONFIG_USB_STORAGE_DPCM=y     CONFIG_USB_STORAGE_DPCM=y
CONFIG_USB_STORAGE_USBAT=y     CONFIG_USB_STORAGE_USBAT=y
CONFIG_USB_STORAGE_SDDR09=y   CONFIG_USB_STORAGE_SDDR09=y
CONFIG_USB_STORAGE_SDDR55=y   CONFIG_USB_STORAGE_SDDR55=y
CONFIG_USB_STORAGE_JUMPSHOT=y CONFIG_USB_STORAGE_JUMPSHOT=y
CONFIG_USB_STORAGE_ALAUDA=y   CONFIG_USB_STORAGE_ALAUDA=y
# CONFIG_USB_LIBUSUAL is not set # CONFIG_USB_LIBUSUAL is not set

#
#
# USB Input Devices # USB Input Devices
#
CONFIG_USB_HID=y              CONFIG_USB_HID=y
CONFIG_USB_HIDINPUT=y         CONFIG_USB_HIDINPUT=y
CONFIG_USB_HIDINPUT_POWERBOOK=y CONFIG_USB_HIDINPUT_POWERBOOK=y
CONFIG_HID_FF=y               CONFIG_HID_FF=y
CONFIG_HID_PID=y              CONFIG_HID_PID=y
CONFIG_LOGITECH_FF=y          CONFIG_LOGITECH_FF=y
CONFIG_THRUSTMASTER_FF=y     CONFIG_THRUSTMASTER_FF=y
CONFIG_USB_HIDDEV=y           CONFIG_USB_HIDDEV=y
CONFIG_USB_AIPTEK=m           CONFIG_USB_AIPTEK=m
CONFIG_USB_WACOM=m            CONFIG_USB_WACOM=m
CONFIG_USB_ACECAD=m           CONFIG_USB_ACECAD=m
CONFIG_USB_KBTAB=m            CONFIG_USB_KBTAB=m
CONFIG_USB_POWERMATE=m        CONFIG_USB_POWERMATE=m
CONFIG_USB_TOUCHSCREEN=m      CONFIG_USB_TOUCHSCREEN=m
CONFIG_USB_TOUCHSCREEN_EGALAX=y CONFIG_USB_TOUCHSCREEN_EGALAX=y
CONFIG_USB_TOUCHSCREEN_PANJIT=y CONFIG_USB_TOUCHSCREEN_PANJIT=y
CONFIG_USB_TOUCHSCREEN_3M=y    CONFIG_USB_TOUCHSCREEN_3M=y
CONFIG_USB_TOUCHSCREEN_ITM=y   CONFIG_USB_TOUCHSCREEN_ITM=y
# CONFIG_USB_YEALINK is not set # CONFIG_USB_YEALINK is not set
CONFIG_USB_XPAD=m             CONFIG_USB_XPAD=m
CONFIG_USB_ATI_REMOTE=m        CONFIG_USB_ATI_REMOTE=m
CONFIG_USB_ATI_REMOTE2=m       CONFIG_USB_ATI_REMOTE2=m
CONFIG_USB_KEYSPAN_REMOTE=m    CONFIG_USB_KEYSPAN_REMOTE=m
CONFIG_USB_APPLETOUCH=m        CONFIG_USB_APPLETOUCH=m

#
#
# USB Imaging devices # USB Imaging devices
#
CONFIG_USB_MDC800=m           CONFIG_USB_MDC800=m

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```

CONFIG_USB_MICROTEK=m          CONFIG_USB_MICROTEK=m

#
#
# USB Network Adapters          # USB Network Adapters
#
#
CONFIG_USB_CATC=m              CONFIG_USB_CATC=m
CONFIG_USB_KAWETH=m            CONFIG_USB_KAWETH=m
CONFIG_USB_PEGASUS=m           CONFIG_USB_PEGASUS=m
CONFIG_USB_RTL8150=m           CONFIG_USB_RTL8150=m
CONFIG_USB_USBNET=m            CONFIG_USB_USBNET=m
CONFIG_USB_NET_AX8817X=m       CONFIG_USB_NET_AX8817X=m
CONFIG_USB_NET_CDCETHER=m      CONFIG_USB_NET_CDCETHER=m
CONFIG_USB_NET_GL620A=m        CONFIG_USB_NET_GL620A=m
CONFIG_USB_NET_NET1080=m       CONFIG_USB_NET_NET1080=m
CONFIG_USB_NET_PLUSB=m         CONFIG_USB_NET_PLUSB=m
CONFIG_USB_NET_RNDIS_HOST=m    CONFIG_USB_NET_RNDIS_HOST=m
CONFIG_USB_NET_CDC_SUBSET=m    CONFIG_USB_NET_CDC_SUBSET=m
CONFIG_USB_ALI_M5632=y         CONFIG_USB_ALI_M5632=y
CONFIG_USB_AN2720=y            CONFIG_USB_AN2720=y
CONFIG_USB_BELKIN=y            CONFIG_USB_BELKIN=y
CONFIG_USB_ARMLINUX=y          CONFIG_USB_ARMLINUX=y
CONFIG_USB_EPSON2888=y         CONFIG_USB_EPSON2888=y
CONFIG_USB_NET_ZAURUS=m        CONFIG_USB_NET_ZAURUS=m
CONFIG_USB_MON=y               CONFIG_USB_MON=y

#
#
# USB port drivers              # USB port drivers
#
#
CONFIG_USB_USS720=m            CONFIG_USB_USS720=m

#
#
# USB Serial Converter support  # USB Serial Converter support
#
#
CONFIG_USB_SERIAL=m            CONFIG_USB_SERIAL=m
CONFIG_USB_SERIAL_GENERIC=y     CONFIG_USB_SERIAL_GENERIC=y
CONFIG_USB_SERIAL_AIRPRIME=m    CONFIG_USB_SERIAL_AIRPRIME=m
CONFIG_USB_SERIAL_ARK3116=m     CONFIG_USB_SERIAL_ARK3116=m
CONFIG_USB_SERIAL_BELKIN=m      CONFIG_USB_SERIAL_BELKIN=m
CONFIG_USB_SERIAL_WHITEHEAT=m   CONFIG_USB_SERIAL_WHITEHEAT=m
CONFIG_USB_SERIAL_DIGI_ACCELEPORT=m CONFIG_USB_SERIAL_DIGI_ACCELEPORT=m
CONFIG_USB_SERIAL_CP2101=m      CONFIG_USB_SERIAL_CP2101=m
CONFIG_USB_SERIAL_CYPRESS_M8=m  CONFIG_USB_SERIAL_CYPRESS_M8=m
CONFIG_USB_SERIAL_EMPEG=m       CONFIG_USB_SERIAL_EMPEG=m
CONFIG_USB_SERIAL_FTDI_SIO=m    CONFIG_USB_SERIAL_FTDI_SIO=m
CONFIG_USB_SERIAL_FUNSOFT=m     CONFIG_USB_SERIAL_FUNSOFT=m
CONFIG_USB_SERIAL_VISOR=m       CONFIG_USB_SERIAL_VISOR=m
CONFIG_USB_SERIAL_IPAQ=m        CONFIG_USB_SERIAL_IPAQ=m
CONFIG_USB_SERIAL_IR=m          CONFIG_USB_SERIAL_IR=m
CONFIG_USB_SERIAL_EDGEPORT=m    CONFIG_USB_SERIAL_EDGEPORT=m
CONFIG_USB_SERIAL_EDGEPORT_TI=m CONFIG_USB_SERIAL_EDGEPORT_TI=m
CONFIG_USB_SERIAL_GARMIN=m      CONFIG_USB_SERIAL_GARMIN=m
CONFIG_USB_SERIAL_IPW=m         CONFIG_USB_SERIAL_IPW=m
CONFIG_USB_SERIAL_KEYSPAN_PDA=m CONFIG_USB_SERIAL_KEYSPAN_PDA=m
CONFIG_USB_SERIAL_KEYSPAN=m     CONFIG_USB_SERIAL_KEYSPAN=m
CONFIG_USB_SERIAL_KEYSPAN_MPR=y CONFIG_USB_SERIAL_KEYSPAN_MPR=y
CONFIG_USB_SERIAL_KEYSPAN_USA28=y CONFIG_USB_SERIAL_KEYSPAN_USA28=y
CONFIG_USB_SERIAL_KEYSPAN_USA28X=y CONFIG_USB_SERIAL_KEYSPAN_USA28X=y
CONFIG_USB_SERIAL_KEYSPAN_USA28XA=y CONFIG_USB_SERIAL_KEYSPAN_USA28XA=y
CONFIG_USB_SERIAL_KEYSPAN_USA28XB=y CONFIG_USB_SERIAL_KEYSPAN_USA28XB=y
CONFIG_USB_SERIAL_KEYSPAN_USA19=y CONFIG_USB_SERIAL_KEYSPAN_USA19=y
CONFIG_USB_SERIAL_KEYSPAN_USA18X=y CONFIG_USB_SERIAL_KEYSPAN_USA18X=y
CONFIG_USB_SERIAL_KEYSPAN_USA19W=y CONFIG_USB_SERIAL_KEYSPAN_USA19W=y
CONFIG_USB_SERIAL_KEYSPAN_USA19QW=y CONFIG_USB_SERIAL_KEYSPAN_USA19QW=y
CONFIG_USB_SERIAL_KEYSPAN_USA19QI=y CONFIG_USB_SERIAL_KEYSPAN_USA19QI=y
CONFIG_USB_SERIAL_KEYSPAN_USA49W=y CONFIG_USB_SERIAL_KEYSPAN_USA49W=y
CONFIG_USB_SERIAL_KEYSPAN_USA49WLC=y CONFIG_USB_SERIAL_KEYSPAN_USA49WLC=y
CONFIG_USB_SERIAL_KLSI=m        CONFIG_USB_SERIAL_KLSI=m
CONFIG_USB_SERIAL_KOBIL_SCT=m   CONFIG_USB_SERIAL_KOBIL_SCT=m
CONFIG_USB_SERIAL_MCT_U232=m    CONFIG_USB_SERIAL_MCT_U232=m
CONFIG_USB_SERIAL_NAVMAN=m      CONFIG_USB_SERIAL_NAVMAN=m
CONFIG_USB_SERIAL_PL2303=m      CONFIG_USB_SERIAL_PL2303=m
CONFIG_USB_SERIAL_HP4X=m        CONFIG_USB_SERIAL_HP4X=m
CONFIG_USB_SERIAL_SAFE=m        CONFIG_USB_SERIAL_SAFE=m
CONFIG_USB_SERIAL_SAFE_PADDED=y CONFIG_USB_SERIAL_SAFE_PADDED=y
CONFIG_USB_SERIAL_SIERRAWIRELESS=m CONFIG_USB_SERIAL_SIERRAWIRELESS=m
CONFIG_USB_SERIAL_TI=m          CONFIG_USB_SERIAL_TI=m
CONFIG_USB_SERIAL_CYBERJACK=m   CONFIG_USB_SERIAL_CYBERJACK=m
CONFIG_USB_SERIAL_XIRCOM=m      CONFIG_USB_SERIAL_XIRCOM=m
CONFIG_USB_SERIAL_OPTION=m      CONFIG_USB_SERIAL_OPTION=m

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CONFIG_USB_SERIAL_OMNINET=m      CONFIG_USB_SERIAL_OMNINET=m
CONFIG_USB_EZUSB=y               CONFIG_USB_EZUSB=y

#                               #
# USB Miscellaneous drivers      # USB Miscellaneous drivers
#                               #
CONFIG_USB_EMI62=m               CONFIG_USB_EMI62=m
CONFIG_USB_EMI26=m               CONFIG_USB_EMI26=m
CONFIG_USB_AUERSWALD=m           CONFIG_USB_AUERSWALD=m
CONFIG_USB_RIO500=m              CONFIG_USB_RIO500=m
CONFIG_USB_LEGOTOWER=m           CONFIG_USB_LEGOTOWER=m
CONFIG_USB_LCD=m                 CONFIG_USB_LCD=m
CONFIG_USB_LED=m                 CONFIG_USB_LED=m
# CONFIG_USB_CYPRESS_CY7C63 is not set # CONFIG_USB_CYPRESS_CY7C63 is not set
# CONFIG_USB_CYTHERM is not set      # CONFIG_USB_CYTHERM is not set
CONFIG_USB_PHIDGETKIT=m          CONFIG_USB_PHIDGETKIT=m
CONFIG_USB_PHIDGETSERVO=m        CONFIG_USB_PHIDGETSERVO=m
CONFIG_USB_IDMOUSE=m             CONFIG_USB_IDMOUSE=m
CONFIG_USB_APPLIEDDISPLAY=m      CONFIG_USB_APPLIEDDISPLAY=m
CONFIG_USB_SISUSBVGA=m           CONFIG_USB_SISUSBVGA=m
CONFIG_USB_SISUSBVGA_CON=y       CONFIG_USB_SISUSBVGA_CON=y
CONFIG_USB_LD=m                  CONFIG_USB_LD=m
CONFIG_USB_TEST=m                CONFIG_USB_TEST=m

#                               #
# USB DSL modem support          # USB DSL modem support
#                               #
CONFIG_USB_ATM=m                 CONFIG_USB_ATM=m
CONFIG_USB_SPEEDTOUCH=m          CONFIG_USB_SPEEDTOUCH=m
CONFIG_USB_CXACRU=m              CONFIG_USB_CXACRU=m
CONFIG_USB_UEAGLEATM=m           CONFIG_USB_UEAGLEATM=m
CONFIG_USB_XUSBATM=m             CONFIG_USB_XUSBATM=m

#                               #
# USB Gadget Support            # USB Gadget Support
#                               #
# CONFIG_USB_GADGET is not set    # CONFIG_USB_GADGET is not set

#                               #
# MMC/SD Card support           # MMC/SD Card support
#                               #
CONFIG_MMC=m                     CONFIG_MMC=m
# CONFIG_MMC_DEBUG is not set     # CONFIG_MMC_DEBUG is not set
CONFIG_MMC_BLOCK=m               CONFIG_MMC_BLOCK=m
CONFIG_MMC_SDHCI=m               CONFIG_MMC_SDHCI=m
CONFIG_MMC_WBSD=m                CONFIG_MMC_WBSD=m

#                               #
# LED devices                   # LED devices
#                               #
CONFIG_NEW_LEDS=y                CONFIG_NEW_LEDS=y
CONFIG_LEDS_CLASS=y              CONFIG_LEDS_CLASS=y

#                               #
# LED drivers                   # LED drivers
#                               #

#                               #
# LED Triggers                  # LED Triggers
#                               #
CONFIG_LEDS_TRIGGERS=y           CONFIG_LEDS_TRIGGERS=y
CONFIG_LEDS_TRIGGER_TIMER=m       CONFIG_LEDS_TRIGGER_TIMER=m
CONFIG_LEDS_TRIGGER_IDE_DISK=y    CONFIG_LEDS_TRIGGER_IDE_DISK=y
CONFIG_LEDS_TRIGGER_HEARTBEAT=m   CONFIG_LEDS_TRIGGER_HEARTBEAT=m

#                               #
# InfiniBand support            # InfiniBand support
#                               #
CONFIG_INFINIBAND=m              CONFIG_INFINIBAND=m
CONFIG_INFINIBAND_USER_MAD=m      CONFIG_INFINIBAND_USER_MAD=m
CONFIG_INFINIBAND_USER_ACCESS=m    CONFIG_INFINIBAND_USER_ACCESS=m
CONFIG_INFINIBAND_ADDR_TRANS=y     CONFIG_INFINIBAND_ADDR_TRANS=y
CONFIG_INFINIBAND_MTHCA=m          CONFIG_INFINIBAND_MTHCA=m
CONFIG_INFINIBAND_MTHCA_DEBUG=y    CONFIG_INFINIBAND_MTHCA_DEBUG=y
CONFIG_INFINIBAND_IPOIB=m          CONFIG_INFINIBAND_IPOIB=m
CONFIG_INFINIBAND_IPOIB_DEBUG=y    CONFIG_INFINIBAND_IPOIB_DEBUG=y
# CONFIG_INFINIBAND_IPOIB_DEBUG_DATA is not set # CONFIG_INFINIBAND_IPOIB_DEBUG_DATA is not set
CONFIG_INFINIBAND_SRP=m            CONFIG_INFINIBAND_SRP=m
CONFIG_INFINIBAND_ISER=m           CONFIG_INFINIBAND_ISER=m

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CONFIG_INFINIBAND_SDP=m          CONFIG_INFINIBAND_SDP=m
# CONFIG_INFINIBAND_SDP_DEBUG is not set # CONFIG_INFINIBAND_SDP_DEBUG is not set
CONFIG_INFINIBAND_MADEYE=m       CONFIG_INFINIBAND_MADEYE=m

#
#
# EDAC - error detection and reporting (RAS) (EXPERIMENTAL) # EDAC - error detection and reporti
#
CONFIG_EDAC=y                    CONFIG_EDAC=y

#
#
# Reporting subsystems          # Reporting subsystems
#
# CONFIG_EDAC_DEBUG is not set # CONFIG_EDAC_DEBUG is not set
CONFIG_EDAC_MM_EDAC=m          CONFIG_EDAC_MM_EDAC=m
CONFIG_EDAC_AMD76X=m           CONFIG_EDAC_AMD76X=m
CONFIG_EDAC_E7XXX=m            CONFIG_EDAC_E7XXX=m
CONFIG_EDAC_E752X=m            CONFIG_EDAC_E752X=m
CONFIG_EDAC_I82875P=m          CONFIG_EDAC_I82875P=m
CONFIG_EDAC_I82860=m           CONFIG_EDAC_I82860=m
CONFIG_EDAC_K8=m               CONFIG_EDAC_K8=m
CONFIG_EDAC_R82600=m           CONFIG_EDAC_R82600=m
CONFIG_EDAC_POLL=y             CONFIG_EDAC_POLL=y

#
#
# Real Time Clock              # Real Time Clock
#
CONFIG_RTC_LIB=m               CONFIG_RTC_LIB=m
CONFIG_RTC_CLASS=m             CONFIG_RTC_CLASS=m

#
#
# RTC interfaces               # RTC interfaces
#
CONFIG_RTC_INTF_SYSFS=m        CONFIG_RTC_INTF_SYSFS=m
CONFIG_RTC_INTF_PROC=m         CONFIG_RTC_INTF_PROC=m
CONFIG_RTC_INTF_DEV=m          CONFIG_RTC_INTF_DEV=m
# CONFIG_RTC_INTF_DEV_UIE_EMUL is not set # CONFIG_RTC_INTF_DEV_UIE_EMUL is not set

#
#
# RTC drivers                  # RTC drivers
#
CONFIG_RTC_DRV_X1205=m         CONFIG_RTC_DRV_X1205=m
CONFIG_RTC_DRV_DS1307=m        CONFIG_RTC_DRV_DS1307=m
CONFIG_RTC_DRV_DS1553=m        CONFIG_RTC_DRV_DS1553=m
CONFIG_RTC_DRV_ISL1208=m       CONFIG_RTC_DRV_ISL1208=m
CONFIG_RTC_DRV_DS1672=m        CONFIG_RTC_DRV_DS1672=m
CONFIG_RTC_DRV_DS1742=m        CONFIG_RTC_DRV_DS1742=m
CONFIG_RTC_DRV_PCF8563=m       CONFIG_RTC_DRV_PCF8563=m
CONFIG_RTC_DRV_PCF8583=m       CONFIG_RTC_DRV_PCF8583=m
CONFIG_RTC_DRV_RS5C372=m       CONFIG_RTC_DRV_RS5C372=m
# CONFIG_RTC_DRV_M48T86 is not set # CONFIG_RTC_DRV_M48T86 is not set
# CONFIG_RTC_DRV_TEST is not set # CONFIG_RTC_DRV_TEST is not set
CONFIG_RTC_DRV_V3020=m         CONFIG_RTC_DRV_V3020=m

#
#
# DMA Engine support           # DMA Engine support
#
CONFIG_DMA_ENGINE=y            CONFIG_DMA_ENGINE=y

#
#
# DMA Clients                   # DMA Clients
#
CONFIG_NET_DMA=y               CONFIG_NET_DMA=y

#
#
# DMA Devices                   # DMA Devices
#
CONFIG_INTEL_IOATDMA=m         CONFIG_INTEL_IOATDMA=m

#
#
# File systems                  # File systems
#
CONFIG_EXT2_FS=y               CONFIG_EXT2_FS=y
CONFIG_EXT2_FS_XATTR=y         CONFIG_EXT2_FS_XATTR=y
CONFIG_EXT2_FS_POSIX_ACL=y     CONFIG_EXT2_FS_POSIX_ACL=y
CONFIG_EXT2_FS_SECURITY=y      CONFIG_EXT2_FS_SECURITY=y
CONFIG_EXT2_FS_XIP=y           CONFIG_EXT2_FS_XIP=y
CONFIG_FS_XIP=y                CONFIG_FS_XIP=y
CONFIG_EXT3_FS=m               CONFIG_EXT3_FS=m
CONFIG_EXT3_FS_XATTR=y         CONFIG_EXT3_FS_XATTR=y

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CONFIG_EXT3_FS_POSIX_ACL=y      CONFIG_EXT3_FS_POSIX_ACL=y
CONFIG_EXT3_FS_SECURITY=y      CONFIG_EXT3_FS_SECURITY=y
CONFIG_JBD=m                    CONFIG_JBD=m
# CONFIG_JBD_DEBUG is not set    # CONFIG_JBD_DEBUG is not set
CONFIG_FS_MBCACHE=y            CONFIG_FS_MBCACHE=y
# CONFIG_REISERFS_FS is not set  | CONFIG_REISERFS_FS=m
# CONFIG_JFS_FS is not set      | # CONFIG_REISERFS_CHECK is not set
    > # CONFIG_REISERFS_PROC_INFO is not set
    > CONFIG_REISERFS_FS_XATTR=y
    > CONFIG_REISERFS_FS_POSIX_ACL=y
    > CONFIG_REISERFS_FS_SECURITY=y
    > CONFIG_JFS_FS=m
    > CONFIG_JFS_POSIX_ACL=y
    > CONFIG_JFS_SECURITY=y
    > # CONFIG_JFS_DEBUG is not set
    > # CONFIG_JFS_STATISTICS is not set
CONFIG_FS_POSIX_ACL=y          CONFIG_FS_POSIX_ACL=y
# CONFIG_XFS_FS is not set      # CONFIG_XFS_FS is not set
CONFIG_GFS2_FS=m               CONFIG_GFS2_FS=m
CONFIG_GFS2_FS_LOCKING_NOLOCK=m CONFIG_GFS2_FS_LOCKING_NOLOCK=m
CONFIG_GFS2_FS_LOCKING_DLM=m   CONFIG_GFS2_FS_LOCKING_DLM=m
# CONFIG_OCFS2_FS is not set    # CONFIG_OCFS2_FS is not set
# CONFIG_MINIX_FS is not set    # CONFIG_MINIX_FS is not set
# CONFIG_ROMFS_FS is not set    # CONFIG_ROMFS_FS is not set
CONFIG_INOTIFY=y               CONFIG_INOTIFY=y
CONFIG_INOTIFY_USER=y          CONFIG_INOTIFY_USER=y
CONFIG_QUOTA=y                  CONFIG_QUOTA=y
# CONFIG_QFMT_V1 is not set     # CONFIG_QFMT_V1 is not set
CONFIG_QFMT_V2=y               CONFIG_QFMT_V2=y
CONFIG_QUOTACTL=y              CONFIG_QUOTACTL=y
CONFIG_DNOTIFY=y               CONFIG_DNOTIFY=y
# CONFIG_AUTOFS_FS is not set   # CONFIG_AUTOFS_FS is not set
CONFIG_AUTOFS4_FS=m            CONFIG_AUTOFS4_FS=m
# CONFIG_FUSE_FS is not set     | CONFIG_FUSE_FS=m

#                               #
# Caches                        # Caches
#                               #
CONFIG_FSCACHE=m               CONFIG_FSCACHE=m

#                               #
# CD-ROM/DVD Filesystems      # CD-ROM/DVD Filesystems
#                               #
CONFIG_ISO9660_FS=y            CONFIG_ISO9660_FS=y
CONFIG_JOLIET=y                CONFIG_JOLIET=y
CONFIG_ZISOFS=y                CONFIG_ZISOFS=y
CONFIG_ZISOFS_FS=y             CONFIG_ZISOFS_FS=y
CONFIG_UDF_FS=m                CONFIG_UDF_FS=m
CONFIG_UDF_NLS=y               CONFIG_UDF_NLS=y
CONFIG_CACHEFILES=m            CONFIG_CACHEFILES=m
CONFIG_CACHEFILES_DEBUG=y      CONFIG_CACHEFILES_DEBUG=y

#                               #
# DOS/FAT/NT Filesystems      # DOS/FAT/NT Filesystems
#                               #
CONFIG_FAT_FS=m                CONFIG_FAT_FS=m
CONFIG_MSDFS_FS=m              CONFIG_MSDFS_FS=m
CONFIG_VFAT_FS=m               CONFIG_VFAT_FS=m
CONFIG_FAT_DEFAULT_CODEPAGE=437 CONFIG_FAT_DEFAULT_CODEPAGE=437
CONFIG_FAT_DEFAULT_IOCHARSET="ascii" CONFIG_FAT_DEFAULT_IOCHARSET="ascii"
# CONFIG_NTFS_FS is not set     | CONFIG_NTFS_FS=m
    > # CONFIG_NTFS_DEBUG is not set
    > CONFIG_NTFS_RW=y

#                               #
# Pseudo filesystems          # Pseudo filesystems
#                               #
CONFIG_PROC_FS=y               CONFIG_PROC_FS=y
CONFIG_PROC_KCORE=y            CONFIG_PROC_KCORE=y
CONFIG_PROC_VMCORE=y            CONFIG_PROC_VMCORE=y
CONFIG_SYSFS=y                  CONFIG_SYSFS=y
CONFIG_TMPFS=y                  CONFIG_TMPFS=y
CONFIG_HUGETLBFS=y              CONFIG_HUGETLBFS=y
CONFIG_HUGETLB_PAGE=y           CONFIG_HUGETLB_PAGE=y
CONFIG_RAMFS=y                  CONFIG_RAMFS=y
CONFIG_CONFIGFS_FS=m            CONFIG_CONFIGFS_FS=m

#                               #
# Miscellaneous filesystems    # Miscellaneous filesystems

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# #
# CONFIG_ADFS_FS is not set # CONFIG_ADFS_FS is not set
# CONFIG_AFFS_FS is not set # CONFIG_AFFS_FS is not set
CONFIG_HFS_FS=m CONFIG_HFS_FS=m
CONFIG_HFSPLUS_FS=m CONFIG_HFSPLUS_FS=m
# CONFIG_BEFS_FS is not set # CONFIG_BEFS_FS is not set
# CONFIG_BFS_FS is not set # CONFIG_BFS_FS is not set
# CONFIG_EFS_FS is not set # CONFIG_EFS_FS is not set
# CONFIG_JFFS_FS is not set # CONFIG_JFFS_FS is not set
CONFIG_JFFS2_FS=m CONFIG_JFFS2_FS=m
CONFIG_JFFS2_FS_DEBUG=0 CONFIG_JFFS2_FS_DEBUG=0
CONFIG_JFFS2_FS_WRITEBUFFER=y CONFIG_JFFS2_FS_WRITEBUFFER=y
CONFIG_JFFS2_SUMMARY=y CONFIG_JFFS2_SUMMARY=y
# CONFIG_JFFS2_FS_XATTR is not set # CONFIG_JFFS2_FS_XATTR is not set
# CONFIG_JFFS2_COMPRESSION_OPTIONS is not set # CONFIG_JFFS2_COMPRESSION_OPTIONS is not set
CONFIG_JFFS2_ZLIB=y CONFIG_JFFS2_ZLIB=y
CONFIG_JFFS2_RTTIME=y CONFIG_JFFS2_RTTIME=y
# CONFIG_JFFS2_RUBIN is not set # CONFIG_JFFS2_RUBIN is not set
CONFIG_CRAMFS=m CONFIG_CRAMFS=m
CONFIG_SQUASHFS=m CONFIG_SQUASHFS=m
# CONFIG_SQUASHFS_EMBEDDED is not set # CONFIG_SQUASHFS_EMBEDDED is not set
CONFIG_SQUASHFS_FRAGMENT_CACHE_SIZE=3 CONFIG_SQUASHFS_FRAGMENT_CACHE_SIZE=3
# CONFIG_SQUASHFS_VMALLOC is not set # CONFIG_SQUASHFS_VMALLOC is not set
CONFIG_VXFS_FS=m CONFIG_VXFS_FS=m
# CONFIG_HPFS_FS is not set # CONFIG_HPFS_FS is not set
# CONFIG_QNX4FS_FS is not set # CONFIG_QNX4FS_FS is not set
# CONFIG_SYSV_FS is not set # CONFIG_SYSV_FS is not set
# CONFIG_UFS_FS is not set # CONFIG_UFS_FS is not set

# #
# Network File Systems # Network File Systems
# #
CONFIG_NFS_FS=m CONFIG_NFS_FS=m
CONFIG_NFS_V3=y CONFIG_NFS_V3=y
CONFIG_NFS_V3_ACL=y CONFIG_NFS_V3_ACL=y
CONFIG_NFS_V4=y CONFIG_NFS_V4=y
CONFIG_NFS_FSCACHE=y CONFIG_NFS_FSCACHE=y
CONFIG_NFS_DIRECTIO=y CONFIG_NFS_DIRECTIO=y
CONFIG_NFSD=m CONFIG_NFSD=m
CONFIG_NFSD_V3=y CONFIG_NFSD_V3=y
CONFIG_NFSD_V3_ACL=y CONFIG_NFSD_V3_ACL=y
CONFIG_NFSD_V4=y CONFIG_NFSD_V4=y
CONFIG_NFSD_TCP=y CONFIG_NFSD_TCP=y
CONFIG_LOCKD=m CONFIG_LOCKD=m
CONFIG_LOCKD_V4=y CONFIG_LOCKD_V4=y
CONFIG_EXPORTFS=m CONFIG_EXPORTFS=m
CONFIG_NFS_ACL_SUPPORT=m CONFIG_NFS_ACL_SUPPORT=m
CONFIG_NFS_COMMON=y CONFIG_NFS_COMMON=y
CONFIG_SUNRPC=m CONFIG_SUNRPC=m
CONFIG_SUNRPC_GSS=m CONFIG_SUNRPC_GSS=m
CONFIG_RPCSEC_GSS_KRB5=m CONFIG_RPCSEC_GSS_KRB5=m
CONFIG_RPCSEC_GSS_SPKM3=m CONFIG_RPCSEC_GSS_SPKM3=m
# CONFIG_SMB_FS is not set # CONFIG_SMB_FS is not set
CONFIG_CIFS=m CONFIG_CIFS=m
# CONFIG_CIFS_STATS is not set # CONFIG_CIFS_STATS is not set
CONFIG_CIFS_WEAK_PW_HASH=y CONFIG_CIFS_WEAK_PW_HASH=y
CONFIG_CIFS_XATTR=y CONFIG_CIFS_XATTR=y
CONFIG_CIFS_POSIX=y CONFIG_CIFS_POSIX=y
# CONFIG_CIFS_DEBUG2 is not set # CONFIG_CIFS_DEBUG2 is not set
# CONFIG_CIFS_EXPERIMENTAL is not set # CONFIG_CIFS_EXPERIMENTAL is not set
# CONFIG_NCP_FS is not set | CONFIG_NCP_FS=m
    > CONFIG_NCPFS_PACKET_SIGNING=y
    > CONFIG_NCPFS_IOCTL_LOCKING=y
    > CONFIG_NCPFS_STRONG=y
    > CONFIG_NCPFS_NFS_NS=y
    > CONFIG_NCPFS_OS2_NS=y
    > CONFIG_NCPFS_SMALLDOS=y
    > CONFIG_NCPFS_NLS=y
    > CONFIG_NCPFS_EXTRAS=y
# CONFIG_CODA_FS is not set # CONFIG_CODA_FS is not set
# CONFIG_AFS_FS is not set # CONFIG_AFS_FS is not set
# CONFIG_9P_FS is not set # CONFIG_9P_FS is not set

# #
# Partition Types # Partition Types
# #
CONFIG_PARTITION_ADVANCED=y CONFIG_PARTITION_ADVANCED=y
# CONFIG_ACORN_PARTITION is not set # CONFIG_ACORN_PARTITION is not set
CONFIG_OSF_PARTITION=y CONFIG_OSF_PARTITION=y

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CONFIG_AMIGA_PARTITION=y          CONFIG_AMIGA_PARTITION=y
# CONFIG_ATARI_PARTITION is not set # CONFIG_ATARI_PARTITION is not set
CONFIG_MAC_PARTITION=y           CONFIG_MAC_PARTITION=y
CONFIG_MSDOS_PARTITION=y         CONFIG_MSDOS_PARTITION=y
CONFIG_BSD_DISKLABEL=y          CONFIG_BSD_DISKLABEL=y
CONFIG_MINIX_SUBPARTITION=y      CONFIG_MINIX_SUBPARTITION=y
CONFIG_SOLARIS_X86_PARTITION=y    CONFIG_SOLARIS_X86_PARTITION=y
CONFIG_UNIXWARE_DISKLABEL=y      CONFIG_UNIXWARE_DISKLABEL=y
# CONFIG_LDM_PARTITION is not set | CONFIG_LDM_PARTITION=y
    > # CONFIG_LDM_DEBUG is not set
CONFIG_SGI_PARTITION=y          CONFIG_SGI_PARTITION=y
# CONFIG_ULTRIX_PARTITION is not set # CONFIG_ULTRIX_PARTITION is not set
CONFIG_SUN_PARTITION=y          CONFIG_SUN_PARTITION=y
CONFIG_KARMA_PARTITION=y         CONFIG_KARMA_PARTITION=y
CONFIG_EFI_PARTITION=y           CONFIG_EFI_PARTITION=y

#
#
# Native Language Support      # Native Language Support
#
#
CONFIG_NLS=y                    CONFIG_NLS=y
CONFIG_NLS_DEFAULT="utf8"      CONFIG_NLS_DEFAULT="utf8"
CONFIG_NLS_CODEPAGE_437=y      CONFIG_NLS_CODEPAGE_437=y
CONFIG_NLS_CODEPAGE_737=m      CONFIG_NLS_CODEPAGE_737=m
CONFIG_NLS_CODEPAGE_775=m      CONFIG_NLS_CODEPAGE_775=m
CONFIG_NLS_CODEPAGE_850=m      CONFIG_NLS_CODEPAGE_850=m
CONFIG_NLS_CODEPAGE_852=m      CONFIG_NLS_CODEPAGE_852=m
CONFIG_NLS_CODEPAGE_855=m      CONFIG_NLS_CODEPAGE_855=m
CONFIG_NLS_CODEPAGE_857=m      CONFIG_NLS_CODEPAGE_857=m
CONFIG_NLS_CODEPAGE_860=m      CONFIG_NLS_CODEPAGE_860=m
CONFIG_NLS_CODEPAGE_861=m      CONFIG_NLS_CODEPAGE_861=m
CONFIG_NLS_CODEPAGE_862=m      CONFIG_NLS_CODEPAGE_862=m
CONFIG_NLS_CODEPAGE_863=m      CONFIG_NLS_CODEPAGE_863=m
CONFIG_NLS_CODEPAGE_864=m      CONFIG_NLS_CODEPAGE_864=m
CONFIG_NLS_CODEPAGE_865=m      CONFIG_NLS_CODEPAGE_865=m
CONFIG_NLS_CODEPAGE_866=m      CONFIG_NLS_CODEPAGE_866=m
CONFIG_NLS_CODEPAGE_869=m      CONFIG_NLS_CODEPAGE_869=m
CONFIG_NLS_CODEPAGE_936=m      CONFIG_NLS_CODEPAGE_936=m
CONFIG_NLS_CODEPAGE_950=m      CONFIG_NLS_CODEPAGE_950=m
CONFIG_NLS_CODEPAGE_932=m      CONFIG_NLS_CODEPAGE_932=m
CONFIG_NLS_CODEPAGE_949=m      CONFIG_NLS_CODEPAGE_949=m
CONFIG_NLS_CODEPAGE_874=m      CONFIG_NLS_CODEPAGE_874=m
CONFIG_NLS_ISO8859_8=m         CONFIG_NLS_ISO8859_8=m
CONFIG_NLS_CODEPAGE_1250=m     CONFIG_NLS_CODEPAGE_1250=m
CONFIG_NLS_CODEPAGE_1251=m     CONFIG_NLS_CODEPAGE_1251=m
CONFIG_NLS_ASCII=y            CONFIG_NLS_ASCII=y
CONFIG_NLS_ISO8859_1=m         CONFIG_NLS_ISO8859_1=m
CONFIG_NLS_ISO8859_2=m         CONFIG_NLS_ISO8859_2=m
CONFIG_NLS_ISO8859_3=m         CONFIG_NLS_ISO8859_3=m
CONFIG_NLS_ISO8859_4=m         CONFIG_NLS_ISO8859_4=m
CONFIG_NLS_ISO8859_5=m         CONFIG_NLS_ISO8859_5=m
CONFIG_NLS_ISO8859_6=m         CONFIG_NLS_ISO8859_6=m
CONFIG_NLS_ISO8859_7=m         CONFIG_NLS_ISO8859_7=m
CONFIG_NLS_ISO8859_9=m         CONFIG_NLS_ISO8859_9=m
CONFIG_NLS_ISO8859_13=m        CONFIG_NLS_ISO8859_13=m
CONFIG_NLS_ISO8859_14=m        CONFIG_NLS_ISO8859_14=m
CONFIG_NLS_ISO8859_15=m        CONFIG_NLS_ISO8859_15=m
CONFIG_NLS_KOI8_R=m            CONFIG_NLS_KOI8_R=m
CONFIG_NLS_KOI8_U=m            CONFIG_NLS_KOI8_U=m
CONFIG_NLS_UTF8=m              CONFIG_NLS_UTF8=m

#
#
# Distributed Lock Manager      # Distributed Lock Manager
#
#
CONFIG_DLM=m                   CONFIG_DLM=m
CONFIG_DLM_TCP=y               CONFIG_DLM_TCP=y
# CONFIG_DLM_SCTP is not set   # CONFIG_DLM_SCTP is not set
CONFIG_DLM_DEBUG=y             CONFIG_DLM_DEBUG=y

#
#
# Instrumentation Support      # Instrumentation Support
#
#
CONFIG_PROFILING=y             CONFIG_PROFILING=y
CONFIG_OPROFILE=m              CONFIG_OPROFILE=m
CONFIG_KPROBES=y               CONFIG_KPROBES=y

#
#
# Kernel hacking               # Kernel hacking
#
#
CONFIG_TRACE_IRQFLAGS_SUPPORT=y CONFIG_TRACE_IRQFLAGS_SUPPORT=y

```



```

# CONFIG_PRINTK_TIME is not set      # CONFIG_PRINTK_TIME is not set
CONFIG_MAGIC_SYSRQ=y      CONFIG_MAGIC_SYSRQ=y
# CONFIG_UNUSED_SYMBOLS is not set    # CONFIG_UNUSED_SYMBOLS is not set
CONFIG_DEBUG_KERNEL=y      CONFIG_DEBUG_KERNEL=y
CONFIG_LOG_BUF_SHIFT=17    CONFIG_LOG_BUF_SHIFT=17
CONFIG_DETECT_SOFTLOCKUP=y    CONFIG_DETECT_SOFTLOCKUP=y
CONFIG_SCHEDSTATS=y      CONFIG_SCHEDSTATS=y
# CONFIG_DEBUG_SLAB is not set        # CONFIG_DEBUG_SLAB is not set
# CONFIG_DEBUG_RT_MUTEXES is not set  # CONFIG_DEBUG_RT_MUTEXES is not set
# CONFIG_RT_MUTEX_TESTER is not set   # CONFIG_RT_MUTEX_TESTER is not set
# CONFIG_DEBUG_SPINLOCK is not set    # CONFIG_DEBUG_SPINLOCK is not set
# CONFIG_DEBUG_MUTEXES is not set     # CONFIG_DEBUG_MUTEXES is not set
# CONFIG_DEBUG_RWSEMS is not set      # CONFIG_DEBUG_RWSEMS is not set
# CONFIG_DEBUG_LOCK_ALLOC is not set  # CONFIG_DEBUG_LOCK_ALLOC is not set
# CONFIG_PROVE_LOCKING is not set     # CONFIG_PROVE_LOCKING is not set
# CONFIG_DEBUG_SPINLOCK_SLEEP is not set # CONFIG_DEBUG_SPINLOCK_SLEEP is not set
# CONFIG_DEBUG_LOCKING_API_SELFTESTS is not set # CONFIG_DEBUG_LOCKING_API_SELFTESTS is not set
# CONFIG_DEBUG_KOBJECT is not set     # CONFIG_DEBUG_KOBJECT is not set
CONFIG_DEBUG_HIGHMEM=y      CONFIG_DEBUG_HIGHMEM=y
CONFIG_DEBUG_BUGVERBOSE=y    CONFIG_DEBUG_BUGVERBOSE=y
CONFIG_DEBUG_INFO=y      CONFIG_DEBUG_INFO=y
CONFIG_DEBUG_FS=y          CONFIG_DEBUG_FS=y
# CONFIG_DEBUG_VM is not set          # CONFIG_DEBUG_VM is not set
CONFIG_DEBUG_LIST=y        CONFIG_DEBUG_LIST=y
# CONFIG_FRAME_POINTER is not set     # CONFIG_FRAME_POINTER is not set
# CONFIG_FORCED_INLINING is not set   # CONFIG_FORCED_INLINING is not set
CONFIG_BOOT_DELAY=y        CONFIG_BOOT_DELAY=y
# CONFIG_RCU_TORTURE_TEST is not set  # CONFIG_RCU_TORTURE_TEST is not set
CONFIG_EARLY_PRINTK=y      CONFIG_EARLY_PRINTK=y
CONFIG_DEBUG_STACKOVERFLOW=y    CONFIG_DEBUG_STACKOVERFLOW=y
CONFIG_DEBUG_STACK_USAGE=y    CONFIG_DEBUG_STACK_USAGE=y

#
#
# Page alloc debug is incompatible with Software Suspend on i # Page alloc debug is incompatible
#
CONFIG_DEBUG_RODATA=y      CONFIG_DEBUG_RODATA=y
CONFIG_4KSTACKS=y          CONFIG_4KSTACKS=y
CONFIG_X86_FIND_SMP_CONFIG=y    CONFIG_X86_FIND_SMP_CONFIG=y
CONFIG_X86_MPPARSE=y        CONFIG_X86_MPPARSE=y
CONFIG_DOUBLEFAULT=y        CONFIG_DOUBLEFAULT=y

#
#
# Security options          # Security options
#
CONFIG_KEYS=y              CONFIG_KEYS=y
CONFIG_KEYS_DEBUG_PROC_KEYS=y    CONFIG_KEYS_DEBUG_PROC_KEYS=y
CONFIG_SECURITY=y          CONFIG_SECURITY=y
CONFIG_SECURITY_NETWORK=y      CONFIG_SECURITY_NETWORK=y
CONFIG_SECURITY_NETWORK_XFRM=y    CONFIG_SECURITY_NETWORK_XFRM=y
CONFIG_SECURITY_CAPABILITIES=y    CONFIG_SECURITY_CAPABILITIES=y
# CONFIG_SECURITY_ROOTPLUG is not set # CONFIG_SECURITY_ROOTPLUG is not set
# CONFIG_SECURITY_SECLVL is not set   # CONFIG_SECURITY_SECLVL is not set
CONFIG_SECURITY_SELINUX=y      CONFIG_SECURITY_SELINUX=y
CONFIG_SECURITY_SELINUX_BOOTPARAM=y    CONFIG_SECURITY_SELINUX_BOOTPARAM=y
CONFIG_SECURITY_SELINUX_BOOTPARAM_VALUE=1    CONFIG_SECURITY_SELINUX_BOOTPARAM_VALUE=1
CONFIG_SECURITY_SELINUX_DISABLE=y    CONFIG_SECURITY_SELINUX_DISABLE=y
CONFIG_SECURITY_SELINUX_DEVELOP=y    CONFIG_SECURITY_SELINUX_DEVELOP=y
CONFIG_SECURITY_SELINUX_AVC_STATS=y    CONFIG_SECURITY_SELINUX_AVC_STATS=y
CONFIG_SECURITY_SELINUX_CHECKREQPROT_VALUE=1    CONFIG_SECURITY_SELINUX_CHECKREQPROT_VALUE=1
CONFIG_SECURITY_SELINUX_ENABLE_SECMARK_DEFAULT=y    CONFIG_SECURITY_SELINUX_ENABLE_SECMARK_DEFAULT
# CONFIG_SECURITY_SELINUX_POLICYDB_VERSION_MAX is not set # CONFIG_SECURITY_SELINUX_POLICYDB_VER

#
#
# Cryptographic options      # Cryptographic options
#
CONFIG_CRYPT=y              CONFIG_CRYPT=y
CONFIG_CRYPT_HMAC=y          CONFIG_CRYPT_HMAC=y
CONFIG_CRYPT_NULL=m          CONFIG_CRYPT_NULL=m
CONFIG_CRYPT_MD4=m           CONFIG_CRYPT_MD4=m
CONFIG_CRYPT_MD5=m           CONFIG_CRYPT_MD5=m
CONFIG_CRYPT_SHA1=y          CONFIG_CRYPT_SHA1=y
CONFIG_CRYPT_SHA256=m        CONFIG_CRYPT_SHA256=m
CONFIG_CRYPT_SHA512=m        CONFIG_CRYPT_SHA512=m
CONFIG_CRYPT_WP512=m         CONFIG_CRYPT_WP512=m
CONFIG_CRYPT_TGR192=m        CONFIG_CRYPT_TGR192=m
CONFIG_CRYPT_DES=m           CONFIG_CRYPT_DES=m
CONFIG_CRYPT_BLOWFISH=m      CONFIG_CRYPT_BLOWFISH=m
CONFIG_CRYPT_TWOFISH=m       CONFIG_CRYPT_TWOFISH=m
CONFIG_CRYPT_SERPENT=m       CONFIG_CRYPT_SERPENT=m

```

```

CONFIG_CRYPT0_AES=m          CONFIG_CRYPT0_AES=m
CONFIG_CRYPT0_AES_586=m      CONFIG_CRYPT0_AES_586=m
CONFIG_CRYPT0_CAST5=m        CONFIG_CRYPT0_CAST5=m
CONFIG_CRYPT0_CAST6=m        CONFIG_CRYPT0_CAST6=m
CONFIG_CRYPT0_TEA=m          CONFIG_CRYPT0_TEA=m
CONFIG_CRYPT0_ARC4=m          CONFIG_CRYPT0_ARC4=m
CONFIG_CRYPT0_KHAZAD=m        CONFIG_CRYPT0_KHAZAD=m
CONFIG_CRYPT0_ANUBIS=m        CONFIG_CRYPT0_ANUBIS=m
CONFIG_CRYPT0_DEFLATE=m        CONFIG_CRYPT0_DEFLATE=m
CONFIG_CRYPT0_MICHAEL_MIC=m    CONFIG_CRYPT0_MICHAEL_MIC=m
CONFIG_CRYPT0_CRC32C=y        CONFIG_CRYPT0_CRC32C=y
# CONFIG_CRYPT0_TEST is not set # CONFIG_CRYPT0_TEST is not set
CONFIG_CRYPT0_SIGNATURE=y      CONFIG_CRYPT0_SIGNATURE=y
CONFIG_CRYPT0_SIGNATURE_DSA=y  CONFIG_CRYPT0_SIGNATURE_DSA=y
CONFIG_CRYPT0_MPILIB=y         CONFIG_CRYPT0_MPILIB=y

#
# Hardware crypto devices      # Hardware crypto devices
#
CONFIG_CRYPT0_DEV_PADLOCK=m     CONFIG_CRYPT0_DEV_PADLOCK=m
CONFIG_CRYPT0_DEV_PADLOCK_AES=y CONFIG_CRYPT0_DEV_PADLOCK_AES=y

#
# Library routines             # Library routines
#
CONFIG_CRC_CCITT=m              CONFIG_CRC_CCITT=m
CONFIG_CRC16=m                  CONFIG_CRC16=m
CONFIG_CRC32=y                  CONFIG_CRC32=y
CONFIG_LIBCRC32C=y              CONFIG_LIBCRC32C=y
CONFIG_AUDIT_GENERIC=y          CONFIG_AUDIT_GENERIC=y
CONFIG_ZLIB_INFLATE=y           CONFIG_ZLIB_INFLATE=y
CONFIG_ZLIB_DEFLATE=m           CONFIG_ZLIB_DEFLATE=m
CONFIG_REED_SOLOMON=m           CONFIG_REED_SOLOMON=m
CONFIG_REED_SOLOMON_DEC16=y     CONFIG_REED_SOLOMON_DEC16=y
CONFIG_TEXTSEARCH=y             CONFIG_TEXTSEARCH=y
CONFIG_TEXTSEARCH_KMP=m         CONFIG_TEXTSEARCH_KMP=m
CONFIG_TEXTSEARCH_BM=m         CONFIG_TEXTSEARCH_BM=m
CONFIG_TEXTSEARCH_FSM=m         CONFIG_TEXTSEARCH_FSM=m
CONFIG_PLIST=y                  CONFIG_PLIST=y
CONFIG_GENERIC_HARDIRQS=y        CONFIG_GENERIC_HARDIRQS=y
CONFIG_GENERIC_IRQ_PROBE=y       CONFIG_GENERIC_IRQ_PROBE=y
CONFIG_GENERIC_PENDING_IRQ=y     CONFIG_GENERIC_PENDING_IRQ=y
CONFIG_X86_SMP=y                 CONFIG_X86_SMP=y
CONFIG_X86_HT=y                  CONFIG_X86_HT=y
CONFIG_X86_BIOS_REBOOT=y         CONFIG_X86_BIOS_REBOOT=y
CONFIG_X86_TRAMPOLINE=y          CONFIG_X86_TRAMPOLINE=y
CONFIG_KTIME_SCALAR=y           CONFIG_KTIME_SCALAR=y

```

# Bonding / Teaming von Netzwerkkarten

Mittels Bonding lassen sich zwei oder mehr Netzwerkkarten quasi zu einer zusammenfassen. Dies bringt Vorteile bei Hochverfügbarkeit und Performance.

Bei Fedora/Redhat/CentOS ist Bonding folgendermaßen zu konfigurieren:

/etc/sysconfig/network-scripts/ifcfg-bond0 (natürlich anzupassen für das eigene Umfeld)

```
DEVICE=bond0
IPADDR=xx.xx.xx.xx
NETMASK=xx.xx.xx.xx
GATEWAY=xx.xx.xx.xx
ONBOOT=yes
BOOTPROTO=none
```

/etc/sysconfig/network-scripts/ifcfg-eth0 (MAC-Adresse ist anzupassen)

```
DEVICE=eth0
BOOTPROTO=static
HWADDR=00:09:3D:00:6C:A4
ONBOOT=yes
MASTER=bond0
SLAVE=yes
```

/etc/sysconfig/network-scripts/ifcfg-eth1 (MAC-Adresse ist anzupassen)

```
DEVICE=eth1
BOOTPROTO=static
HWADDR=00:09:3D:00:6C:A5
ONBOOT=yes
MASTER=bond0
SLAVE=yes
```

in /etc/modprobe.conf folgende Zeilen ergänzen, weitere Optionen siehe [bonding.txt1](#))

```
alias bond0 bonding
options bond0 mode=0 miimon=100 use_carrier=1
```

jetzt entweder rebooten oder

```
modprobe bonding
service network restart
```

prüfen ob das Bonding aktiv ist mit:

```
cat /proc/net/bonding/bond0
ip a
```

Doku zu den Optionen gibts hier:

```
/usr/share/doc/kernel-doc-x.x.x/Documentation/networking/bonding.txt
```

Insbesondere die verschiedenen Optionen für den Parameter mode sollte man sich mal durchlesen. Hier gibts alles von Active-Backup, Round-Robin, Broadcast, 802.3ad, Loadbalancing, usw.

weiterführende Infos:

<http://unixfoo.blogspot.com/2007/10/yet-to-add.html>

<http://www.linuxforums.org/forum/redhat-fedora-linux-help/17001-bonding-ethernet-cards.html>

1)

/usr/share/doc/kernel-doc-x.x.x/Documentation/networking/bonding.txt

# Fedora Core 5 - Kernel-Panic nach Kernel Update mit RAID5

betrifft alle Kernel nach kernel-2.6.17-1.2187\_FC5

nach dem letzten Kernel-Update bootet FC5 nicht mehr und stirbt mit diesem Fehler:

```
Uncompressing Linux... Ok, booting the kernel.
Red Hat nash version 5.0.32 starting
EXT3-fs: unable to read superblock
mount: error mounting /dev/root on /sysroot as ext3: Invalid argument
setuproot: moving /dev failed: No such file or directory
setuproot: error mounting /proc: No such file or directory
setuproot: error mounting /sys: No such file or directory
switchroot: mount failed: No such file or directory
Kernel panic - not syncing: Attempted to kill init!
```

Ursache ist der fehlende Treiber raid456 im initrd. Mit folgendem Befehl lässt sich ein funktionierendes initrd erstellen:

```
mkinitrd -v -f --with=xor --with=raid456 --with=raid5 initrd-<kernelversion>.img <kernelversion>
```

Hierzu existiert ein Bugreport im Bugzilla: [https://bugzilla.redhat.com/bugzilla/show\\_bug.cgi?id=211030](https://bugzilla.redhat.com/bugzilla/show_bug.cgi?id=211030)

# Netzwerkconfiguration - IP-Aliasing

Einem Rechner dauerhaft eine zusätzliche IP zu geben ist ganz einfach:

1. Als root auf der Console einloggen
2. `cd /etc/sysconfig/network-scripts/`
3. `cp ifcfg-eth0 ifcfg-eth0:0`
4. Jetzt die neue Datei im Editor öffnen und folgende Änderungen vornehmen:

```
-Zeile ändern:    DEVICE=eth0 in DEVICE=eth0:0
-Zeile ändern:    IPADDRESS=<original-ip> in IPADDRESS=<neue-ip>
```

5. Speichern und Editor beenden
6. `ifup eth0:1`
7. mit „`ip -a`“ prüfen, ob die neue IP angelegt wurde

---

soll die IP nur temporär für Testzwecke angelegt werden, hilft einfach folgende Zeile:

```
ip a add <ip> dev eth0
```

---

Soll ein ganzer Bereich virtueller IP-Adressen angelegt werden, muss man nicht alle IPs einzeln in ein File packen. Das geht auch einfach:

1. `cd /etc/sysconfig/network-scripts`
2. `vi ifcfg-eth0-range0`
3. folgendes eintragen:

```
ONBOOT=YES
IPADDR_START=192.168.1.160
IPADDR_END=192.168.1.191
CLONENUM_START=2
NETMASK=255.255.255.255
```

4. Speichern und Editor beenden. „`CLONENUM_START=2`“ heißt, dass das erste virtuelle Interface `eth0:2` wird.
5. nach einem „`service network restart`“ sollte der IP-Bereich nun aktiv sein.