# CentOS / RedHat / Fedora

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# 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 IPv& 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_MWINCHIPC6 is not set     # CONFIG_MWINCHIPC6 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
```

```
# 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_HIGHPTE=y      CONFIG_HIGHPTE=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_IOREMAP=y      CONFIG_BOOT_IOREMAP=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
```

```
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
```

```
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_HTCP=m      CONFIG_TCP_CONG_HTCP=m
CONFIG_TCP_CONG_HSTCP=m      CONFIG_TCP_CONG_HSTCP=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 suppo
#        #
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

#        #
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```
# 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
```

```
# 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
```

```
#        #
# 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_HCIVHCI=m      CONFIG_BT_HCIVHCI=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
```

```
#        #
# RAM/ROM/Flash chip drivers     # RAM/ROM/Flash chip drivers
#        #
CONFIG_MTD_CFI=m      CONFIG_MTD_CFI=m
CONFIG_MTD_JEDECPROBE=m      CONFIG_MTD_JEDECPROBE=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_SLRAM is not set     # CONFIG_MTD_SLRAM is not set
# CONFIG_MTD_PHRAM is not set     # CONFIG_MTD_PHRAM is not set
CONFIG_MTD_MTDRAM=m      CONFIG_MTD_MTDRAM=m
CONFIG_MTDRAM_TOTAL_SIZE=4096     CONFIG_MTDRAM_TOTAL_SIZE=4096
CONFIG_MTDRAM_ERASE_SIZE=128     CONFIG_MTDRAM_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_ADVAN
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 s
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_CRYPTOLOOP=m     CONFIG_BLK_DEV_CRYPTOLOOP=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_HD_IDE is not set    # CONFIG_BLK_DEV_HD_IDE 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_PIIX=y      CONFIG_BLK_DEV_PIIX=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
```

```
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
```

```
# CONFIG_SCSI_BUSLOGIC is not set    # CONFIG_SCSI_BUSLOGIC is not set
# CONFIG_SCSI_DMX3191D is not set    # CONFIG_SCSI_DMX3191D 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_NSP32 is not set     # CONFIG_SCSI_NSP32 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
```

```
              > 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
```

```
#        #
# 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_DEFXX is not set          | CONFIG_DEFXX=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
```

```
#        #
# 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_B1PCMCIA=m    CONFIG_ISDN_DRV_AVMB1_B1PCMCIA=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_PRIPCI=y     CONFIG_ISDN_DIVAS_PRIPCI=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
#        #
```

```
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
```

```
#        #
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_SWORKS=y       CONFIG_AGP_SWORKS=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
#        #
```

```
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
```

```
> 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_BTCX=m      CONFIG_VIDEO_BTCX=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_ASILIANT is not set     # CONFIG_FB_ASILIANT 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
```

```
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
```

```
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
#        #
```

```
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
```

```
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_APPLEDISPLAY=m     CONFIG_USB_APPLEDISPLAY=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 se
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
```

```
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_MSDOS_FS=m      CONFIG_MSDOS_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
```

```
#        #
# 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_RTIME=y      CONFIG_JFFS2_RTIME=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
```

```
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 se
# 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_CRYPTO=y       CONFIG_CRYPTO=y
CONFIG_CRYPTO_HMAC=y      CONFIG_CRYPTO_HMAC=y
CONFIG_CRYPTO_NULL=m      CONFIG_CRYPTO_NULL=m
CONFIG_CRYPTO_MD4=m      CONFIG_CRYPTO_MD4=m
CONFIG_CRYPTO_MD5=m      CONFIG_CRYPTO_MD5=m
CONFIG_CRYPTO_SHA1=y      CONFIG_CRYPTO_SHA1=y
CONFIG_CRYPTO_SHA256=m      CONFIG_CRYPTO_SHA256=m
CONFIG_CRYPTO_SHA512=m      CONFIG_CRYPTO_SHA512=m
CONFIG_CRYPTO_WP512=m      CONFIG_CRYPTO_WP512=m
CONFIG_CRYPTO_TGR192=m      CONFIG_CRYPTO_TGR192=m
CONFIG_CRYPTO_DES=m      CONFIG_CRYPTO_DES=m
CONFIG_CRYPTO_BLOWFISH=m     CONFIG_CRYPTO_BLOWFISH=m
CONFIG_CRYPTO_TWOFISH=m      CONFIG_CRYPTO_TWOFISH=m
CONFIG_CRYPTO_SERPENT=m      CONFIG_CRYPTO_SERPENT=m
```

```
CONFIG_CRYPTO_AES=m      CONFIG_CRYPTO_AES=m
CONFIG_CRYPTO_AES_586=m      CONFIG_CRYPTO_AES_586=m
CONFIG_CRYPTO_CAST5=m      CONFIG_CRYPTO_CAST5=m
CONFIG_CRYPTO_CAST6=m      CONFIG_CRYPTO_CAST6=m
CONFIG_CRYPTO_TEA=m      CONFIG_CRYPTO_TEA=m
CONFIG_CRYPTO_ARC4=m      CONFIG_CRYPTO_ARC4=m
CONFIG_CRYPTO_KHAZAD=m      CONFIG_CRYPTO_KHAZAD=m
CONFIG_CRYPTO_ANUBIS=m      CONFIG_CRYPTO_ANUBIS=m
CONFIG_CRYPTO_DEFLATE=m      CONFIG_CRYPTO_DEFLATE=m
CONFIG_CRYPTO_MICHAEL_MIC=m     CONFIG_CRYPTO_MICHAEL_MIC=m
CONFIG_CRYPTO_CRC32C=y      CONFIG_CRYPTO_CRC32C=y
# CONFIG_CRYPTO_TEST is not set     # CONFIG_CRYPTO_TEST is not set
CONFIG_CRYPTO_SIGNATURE=y     CONFIG_CRYPTO_SIGNATURE=y
CONFIG_CRYPTO_SIGNATURE_DSA=y     CONFIG_CRYPTO_SIGNATURE_DSA=y
CONFIG_CRYPTO_MPILIB=y      CONFIG_CRYPTO_MPILIB=y

#        #
# Hardware crypto devices     # Hardware crypto devices
#        #
CONFIG_CRYPTO_DEV_PADLOCK=m     CONFIG_CRYPTO_DEV_PADLOCK=m
CONFIG_CRYPTO_DEV_PADLOCK_AES=y     CONFIG_CRYPTO_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.txt[1)]

```
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

# Netzwerkkonfiguration - 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=<orginal-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.