



Features

- ▶ Supports Intel Core 2 Quad, Core 2 Duo, Celeron D processor in LGA 775 package.
- ▶ 2 x DDR2-800 DIMM sockets, support up to 4GB memory in dual channel mode.
- ▶ Intel Q35 integrated GMA3100 Graphic Engine.
- ▶ Dual Gigabits LAN maximize communication bandwidth.
- ▶ Realtek ALC888 high-definition audio chip on-board.
- ▶ Multiple I/O functions - 6 x USB 2.0, 2 x COM, 6 x SATA, 1 x IRDA, 1 x PRIDE, 1 x LPT, 1 x FDD and 1 x DIO.
- ▶ 6 x SATA-II ports support RAID0, RAID1, RAID5, RAID10 and Legacy IDE mode.
- ▶ Standard PICMG 1.3 form factor.
- ▶ Programmable watchdog timer for 1 ~ 255 seconds.
- ▶ Actual MTBF > 100,000 hours.

TR-995

Specification

Processor

- ▶ Intel Core 2 Duo, Core 2 Quad, Celeron D processor with 800/1066/1333MHz FSB

Processor Socket

- ▶ LGA 775 Socket

Chipset

- ▶ Intel Q35 and ICH9DO

Memory

- ▶ Two DDR2 667/800MHz DIMM sockets with dual channel mode. Supports up to 4GB non-ECC memory

BIOS

- ▶ Award Standard PnP Flash BIOS 6.0
- ▶ 8Mbit FlashROM with BootBlock for fail-safe

Gigabits LAN

- ▶ Two Realtek RT8111C on board for Dual Gigabits LAN support
- ▶ Supports Wake-on-LAN, remote boot with PXE and RTL

Video

- ▶ Intel Q35 integrated GMA3100 Graphic Engine
- ▶ Supports DVMT 4.0 for memory allocation up to 256MB
- ▶ One D-Sub connector on rear panel for CRT display

On Board I/O

- ▶ Winbond 83627HF LPC I/F Super I/O chip
- ▶ Two serial ports as COM1 ~ COM2, COM2 is RS-232/422/485 selectable by jumper
- ▶ One parallel port supports SPP/ECP/EPP mode
- ▶ One IrDA port, one floppy connector for up to two devices

SATA

- ▶ Six SATA-II ports support RAID0, RAID1, RAID5 and RAID10
- ▶ One PIDE 40-pin connector supports two devices and up to ATA133 speed

Cooling

- ▶ One CPU cooling fan connector near CPU socket
- ▶ One system cooling fan connectors for chassis or power supply cooling

Audio

- ▶ Realtek ALC888 high-definition audio chip on-board with Line-OUT, Line-IN, MIC, SPDIF, CD-IN and surrounding sounds with pin-headers

Watchdog Timer

- ▶ Programmable watchdog timer for 1 ~ 255 seconds

CMOS

- ▶ On-board RTC with 242 bytes of battery-back CMOS RAM

Form Factor

- ▶ 13.33" (L) x 4.98" (W); 338.6mm (L) x 126.4mm (W), PICMG 1.3 compliant

Operating Temperature

- ▶ 0 ~ 60°C (32 ~ 140°F)
- ▶ Relative humidity - 5 ~ 95%, non-condensing

Storage Temperature

- ▶ -40 ~ 70°C (-40 ~ 158°F)

Power Requirement

- ▶ One ATX-12V 4-pin connector for CPU power
- ▶ Supports both AT and ATX mode

Compatible with all Windows including Vista & Windows NT, Linux & QNX

Warranty: 3 years / 5 years + 10% initial cost