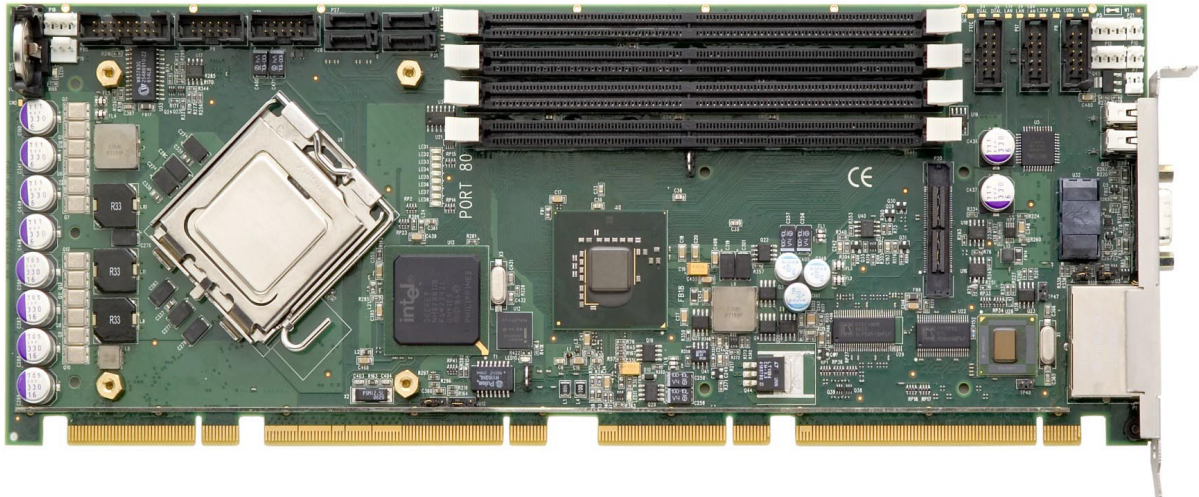


Transduction

TR-TQ9

Graphics-Class PICMG 1.3 SBC

TR-TQ9 Single Board Computer



Features

- ▶ Accepts Intel® Core™ 2, Core™ 2 Duo, Core™ 2 Quad and Celeron® processors in LGA775 package.
- ▶ Four DDR2-800 DIMM sockets for up to 8GB system memory in Dual Channel Mode.
- ▶ Eight USB and four SATA/300 on-board ports.
- ▶ Integrated RAID 0, 1, 5, 10 implementation support via four-on-board SATA/300 ports.
- ▶ Two eSATA II and four USB backplane interfaces.
- ▶ PCI Express™ graphics-class SHB supports x16 video and graphics cards or ADD2 cards.
- ▶ Dual Gigabit Ethernet ports.

TR-TQ9

TR-TQ9 Single Board Computer

Specification

Processor

- ▶ Multi - Core™ 2 Duo, Core™ 2, Celeron™ processor
- ▶ Supports Front Side Bus speed 800, 1066 or 1333MHz

Processor Socket

- ▶ LGA 775 Socket

Chipset

- ▶ Intel® Q35 and ICH9DO chipset

Memory

- ▶ 4 DDR2 DIMM sockets with Dual Channel Mode support
- ▶ DDR2-800 non-ECC memory up to 8.0GB

BIOS

- ▶ AMIBIOS8 flash BIOS
- ▶ Integrated support for USB mass storage devices

10/100M/1000M Ethernet

- ▶ Two Dual Gigabit Ethernet controller chip
- ▶ Chip enables dual 10/100/1000 Base-T Ethernet interfaces
- ▶ LAN ports have RJ-45 connectors on I/O bracket

Video

- ▶ Intel Graphics Media Accelerator 3100

PCI/PCI-Express

- ▶ PCI Express™ Edge Connector A & B - one x16 link, one x4 or four x1 links - five reference clocks
- ▶ PCI Express™ - one x1 link and reference clock
- ▶ PCI - Edge Connector D - 32-bit/33MHz
- ▶ System or FSB - 1333MHz, 1066MHz or 800MHz

On Board I/O

- ▶ 6 x SATA II 300 ports with RAID0, RAID1, RAID5, RAID10
- ▶ 12 x USB 2.0
- ▶ Enhanced bi-directional parallel interface
- ▶ PS/2 mouse and keyboard interface
- ▶ Floppy drive interface

Watch-Dog Timer

- ▶ Two-stage watchdog timer; stage one can generate IRQ, SMI, SCI and stage two generates a programmable watchdog timer reset from 1ms to 10minutes

Form Factor

- ▶ 13.330"(L) x 4.976"(H) or 33.858 cm(L) x 12.639 cm(H)

Power

- ▶ +5V, +12V, +3.3V

Operating Temperature

- ▶ 0°C to 50°C operating range
- ▶ Relative Humidity: 5~90%, non-condensing

Storage Temperature

- ▶ -40°C to 70°C

Warranty: 3 years +10% for 5 years

Ordering Information

- ▶ 6731-426-xM - Quad Core™ 2, 2.83GHz, 1333MHz FSB
- ▶ 6731-129-xM - Dual Core™ 2 Duo, 3.00GHz, 1333MHz FSB
- ▶ 6731-022-xM - Dual Core™ 2 Duo, 2.13GHz, 1066MHz FSB
- ▶ 6731-012-xM - Dual Core™ 2 Duo, 1.80GHz, 800MHz FSB
- ▶ 6731-503-xM - Celeron™, 2.0GHz, 800MHz FSB