

BullRay

Intel® Core 2 Duo PICMG 1.0 SBC w/ Dual Gigabit Ethernet



Ordering Information

BullRAY-VG2A

LGA-775 Core 2 Duo processor based PICMG 1.0 SBC with DDR2 SDRAM, VGA, Dual Gigabit Ethernet, Audio and USB

Options

Multimedia kit w/audio, TV-out, USB ports, PS/2 keyboard/mouse connectors on bracket, and Low Profile LGA775 Cooler that increases reliability Of system (Call your local sales contact for availability)

Specifications

Microprocessor

- Intel® Core 2 Duo Pentium® D, Pentium® 4 or Celeron® D processor in the LGA-775 package
- FSB: 1066/800/533MHz

Chipset

- Intel® Q965 and ICH8

System Memory

- Up to 4GB DDR2 800/667/533 SDRAM on four 240-pin DIMM sockets

BIOS

- Award BIOS

Display

- GMCH integrated Intel® Graphics Media Accelerator 3000 (Intel® GMA 300)
- Provides improved 3D multimedia capabilities including DirectX 9, Shader Model 3.0, Open GL 1.5, Advanced De-interlacing, MPEG-2 hardware acceleration
- Intel® Dynamic Video Memory Technology (DVMT) 4.0 shared system memory up to 256MB
- Support CRT interface up to QXGA 75Hz (2048x 1536) display interface

Ethernet

- Dual 10BASE-T/100BASE-TX/1000BASE-T Ethernet
- PCI Express x1 interface based Gigabit Ethernet
- Dual RJ-45 connector with two LED indicators

Audio

- HDA interface, 2-channel Audio

SATA

- Support four SATA 300 drives

I/O

- Two serial (RS-232x1, selectable RS-232 /422/485x1), one parallel, and one FDD channel
- One IrDA 1.0
- Two USB 2.0 ports on bracket dedicated to keyboard & mouse
- Six USB 2.0 ports

Hardware Monitoring

- System monitor (fan, temperature, voltage)

Watchdog Timer

- Software programmable from 0.5 sec. to 254.5 min

Power Requirements

- Typical: +3.3@3.7A; +5V@3.4A; +12V@4.7A

Operating Environments

- Operating temperatures: 0°C to 55°C
- Storage temperatures: -20°C to 80°C
- Relative humidity: 5% to 90% (non-condensing)

Dimensions

- 338.5mm(L) x 122mm(W)

Certification

- CE approval
- FCC Class A