

LunarRay

Dual Xeon® PICMG 1.2 SBC w/ Dual Gigabit Ethernet



Ordering Information

LunarRAY-VG2

Dual Xeon processors based PICMG 1.2 SHB with VGA and dual Gigabit Ethernet

LunarRAY-VF2

Dual Xeon processors based PICMG 1.2 SHB with VGA and dual Fiber Gigabit Ethernet

Options

Call your local sales contact for availability

Specifications

Microprocessor

- Intel® Xeon / LV Xeon processor
- FSB: 533/400MHz

Chipset

- Intel® E7501 and ICH3-S

System Memory

- Up to 4GB DDR 266/200 SDRAM on two 184-pin DIMM sockets
- Support ECC, registered

BIOS

- Award BIOS

Display

- ATI Rage XL PCI VGA graphics controller
 - 8MB display memory
 - Display resolution up to 1600x1200 @ 85Hz
 - High 2D and 3D performance
 - D-sub 15 pin VGA connector on bracket

Ethernet

- Intel® 82546EB PCI-X dual gigabit Ethernet controller
- Two RJ-45 connector with two LED indicators for LAN access and link status

Expansion Interface

- Two independent PCI-S busses
- Proprietary Hub Link expansion connector for up to 4 PCI-X busses expansion

EIDE

- Support four EIDE devices with Ultra DMA 100/66/33

Solid State Disk

- One Type II CF socket
- One secondary EIDE channel
- Bootable for no drive on primary channel

I/O

- On-board Winbond W83627HF super I/O
- Up to two floppy disk drives
- Two serial, one parallel and four USB 1.1 ports
- One 6-pin header for keyboard and mouse through PA-11KUC

ACPI

- ATX power supply control via backplane
- Modem-Ring-On and Wake-On-LAN

Hardware Monitoring

- System monitor (fan, temperature, voltage)

Watchdog Timer

- Software programmable from 0.5 sec. to 254.5 min

Power Requirements

- Typical: (+5V/3.1A) (+12V(CPU)/6.5A) (+12V (system)/1.2 A) (+3.3/2.9V)

Operating Environments

- Operating temperatures: 0°C to 60°C
- Storage temperatures: -20°C to 75°C
- Relative humidity: 10% to 90% (non-condensing)

Dimensions

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

Certification

- CE approval
- FCC Class A