



Specification

CPU

- CPU & Package: Intel® Xeon™/ LV Xeon™ processor
- (Single or Dual processor) in 604-pin & 603-pin PPGA package
- FSB: 533/400MHz

Chipset

- Intel® E7501 and ICH3-S

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 the bracket

Ethernet

- Intel® 82546 PCI-X dual port Gigabit Ethernet controller
- Two RJ-45 connectors with two LED indicators for LAN access and link status

Audio

- N/A

SCSI

- N/A

Expansion Interface

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

ISA Bus

- N/A

Ordering Information

SBC-4101	- Dual Xeon™ processor based PICMG 1.2 SHB with VGA and dual Gigabit Ethernet
SBC-4101-1	- Dual Xeon™ processor based PICMG 1.2 SHB with VGA, dual Gigabit Ethernet and proprietary Hub Link connector
SBC-4101-2	- Dual Xeon™ processor based PICMG 1.2 SHB with VGA and dual Fiber Gigabit Ethernet
SBC-4101-3	- Dual Xeon™ processor based PICMG 1.2 SHB with VGA, dual Fiber Gigabit Ethernet and proprietary Hub Link connector
Optional –	- PS/2 Keyboard/Mouse Cable with Bracket (Please ask for details) - Multimedia kit with audio and USB ports (Please ask for details)

EIDE

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

Solid State Disk

- One Type II CF socket
- On secondary EIDE channel
- Bootable for no drives 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 Function

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

Hardware Monitoring

- System monitor (fan, temperature, voltage)

Watchdog Timer

- Programmable via software from 0.5 sec. to 254.5 min.

Power Requirement

- Typical: +5V@3.1A; +12V(CPU)@6.5A; +12V(System)@1.2A; +3.3V@2.9A

Mechanical

- Dimension : 338.5(L) x 122(W) mm; 13.33"(L) x 4.8" (W)
- PCB: 12-layer

Environment

- Operating Temperature: 0 to 50oC
- Storage Temperature: -40 to 75oC
- Relative Humidity: 5% to 90%, non-condensing

Approval

- CE, FCC Class A

MTBF

- 142,578 hrs