



Specifications

Processor/System Bus

- 2 x Socket LGA771
- Intel® Xeon® Processor 5000/5100 sequence
- Dual Core
- FSB 667/1066/1333 MHz EM64T 2 x 2M or 4M L2 cache

Core Logic

- Intel® 5000P chipset
- Intel® 6321ESB I/O Controller Hub
- Intel® 6702PXH 64-bit PCI Hub

Form Factor

- SSI EEB 3.61, 12" x 13"

Memory

- **Total Slots** 8
- **Capacity** Maximum up to 32 GB
- **Memory Type** Four Channel ECC Reg. DDR2 533/667 Fully-Buffered DIMM
- **Memory Size** 512 MB, 1 GB, 2 GB, 4 GB

Expansion Slots

- **Total Slots** 7
- **Slot 1** 1 x PCI-X 133/100 MHz (support Zero Channel RAID card)
- **Slot 2** 1 x PCI 32bit/33 MHz
- **Slot 3** 1 x PCI-X 133/100 MHz
- **Slot 4** 1 x PCI-X 133/100 MHz
- **Slot 5** 1 x PCI-E x 8 (x 8 link)
- **Slot 6** 1 x PCI-E x16 (x 8 link)
- **Additional Slot 1** 1 x SODIMM socket for ASMB3-SOL

Storage

- **IDE Controller** Intel® 6321 ICH: 1 x Single Channel Bus Master IDE support UltraATA 33/66/100
- **SATA Controller** Intel® 6321 ICH: 6 SATA2 300MB/s ports
Intel Matrix Storage (Windows) support RAID 0, 1, 0+1, RAID 5 (S/W)
- **SAS Controller** LSI® 1068 PCI-X 8 ports SAS controller: 2 Mini-SAS x4 connectors support RAID 0, 1, 1E and RAID 5 (optional ZCR)
Optional LSI® ZCR (Zero-Channel-RAID) PCI-X card: upgrade to support RAID 5

Networking

- **LAN** Intel® 82563EB Network Connection (Dual Port)

Graphic

- **VGA** ATI® ES1000 PCI Display Controller/32MB

Onboard I/O Connectors

- **Floppy Connector** 1
- **PSU Connector** 24-pin ATX power connector + 8-pin ATX 12V power connector + 4-pin ATX 12V power connector
- **Management Connector** SODIMM socket for ASMB3-SOL
- **USB Connectors** 1 (support 2 USB ports)
- **Fan Header** 9 x 4pin
- **SMBus** 2
- **Chassis Intruder** 1
- **Front LAN LED** 2
- **Serial Port Header** 1

Rear I/O Connectors

- **External Serial Port** 1
- **External USB Port** 2
- **VGA Port** 1
- **RJ-45** 2
- **PS/2 KB/Mouse** 1

Management Solution

- **Software** ASWM2.0
- **Out of Band Remote Management** Optional (ASMB3-SOL)

Monitoring

- **CPU Temperature** ✓
- **FAN RPM** ✓

EMI

- **US (FCC, CFR47 Part 15, Class B)** ✓
- **Europe (CE, EN55022 & EN55024)** ✓

Environment

- **Operation temperature** 10°C ~ 35°C
- **Non operation temperature** -40°C ~ 70°C
- **Non operation humidity** 20% ~ 90% (Non condensing)

Product SKUs

- **Standard Gift Box Pack** N/A
- **Standard Bulk Pack** N/A