

P5M2

Processor / System Bus¹ * Socket LGA775

Intel® Xeon® processor 3000 sequence or
Intel® Core™ 2 Duo processors
FSB 533/ 800/ 1066MHz EM64T 4M L2 cache

Core LogicIntel® 3000 MCH

Intel® ICH7R
Intel® 6702 PXH 64-bit PCI Hub

Form FactorATX, 12" * 9.6"

ASUS FeaturesCooling Strategy: Smart Fan II

Rack Ready (Rack and Pedestal dual use): ✓

ASWM2.0: ✓

MemoryTotal Slots: 4

Capacity: Maximum up to 8GB

Memory Type: Dual Channel ECC / Non-ECC Unbuffered DDR2 533 / 667

Memory Size: 256MB, 512 MB, 1 GB, 2GB

Expansion Slots (follow SSI Location #)Total Slots: 5

Slot 1: 1 * PCI 32bit/ 33MHz

Slot 2: -

Slot 3: -

Slot 4: -

Slot 5: 1 * PCI-X 133 / 100MHz

Slot 6: 1 * PCI-X 133 / 100MHz

Slot 7: 1 * PCI-E x16 (x 8 link)

Additional Slot 1: 1 * SODIMM socket for optional management card

StorageIDE Controller:

Intel® ICH7R:

1 * IDE support UltraATA 33 / 66 / 100

SATA Controller:

Intel® ICH7R:

4 * SATAII 300MB/s ports

Intel® Matrix Storage (Windows) supports RAID 0, 1, 0+1, RAID 5
LSI® MegaRAID (Linux/Windows) supports RAID 0, 1, 0+1

Networking LAN: 2 * Broadcom® BCM5721 PCI-E Gb LAN

Graphic VGA: ATI® ES1000 PCI Display Controller/ 32MB

Onboard I/O Connectors Floppy Connector: 1

PSU Connector: SSI 24-pin + 12V 4-pin

Management Connector: SODIMM socket for optional management card

USB Connectors: 1 (support 2 USB ports)

Fan Header: 6 * 4pin

SMBus: 1

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

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)

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