

abit Engineered™

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MOTHERBOARD LGA775

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Intel® 945P Based LGA775 ATX Mainboard, FSB1066, Dual DDR2-667, PCI Express, Gigabit LAN, SATA 3Gb/s RAID, IEEE1394a, HDAudio, µGuru™ Tech

Specifications

CPU

- Designed for Intel® Pentium® 4 / Pentium® D LGA775 processors with 1066/800/533 MHz FSB
- Supports Intel® Hyper-Threading / XD-bit / EM64T / EIST Technology

Chipset

- Intel® 945P / Intel® ICH7R Express Chipset

Memory

- Four 240-pin DIMM sockets
- Supports Dual channel DDR2 667/533 Un-buffered Non-ECC memory
- Supports maximum memory capacity up to 4GB

PCI-EX16 graphic

- Delivers up to 8GB/s per direction for 3.5 times more bandwidth than AGP8X

SATA 3Gb/s RAID

- Intel® Matrix Storage Technology supports RAID 0/1/5/10
- Supports SATA AHCI, providing native command queuing and native hot plug

2nd PCIE SATA 3Gb/s

- On board Silicon Image PCIE SATA 3GB/s RAID controller

PCI-EGbE

- On board PCI-E Gigabit LAN controller supports 10/100/1000Mbps Ethernet

IEEE 1394a

- Supports 2 ports IEEE 1394a at 100/200/400 Mb/s transfer rate

Audio

- On board 7.1 CH Intel® High Definition Audio CODEC
- Supports auto jack sensing and optical S/PDIF In/Out

ABIT Engineered

- ABIT µGuru™ 2005 Technology (ABIT OC Guru / ABIT EQ / ABIT Flash Menu / ABIT Black Box)
- ABIT CPU ThermalGuard™ Technology

Internal I/O Connectors

- 1 x PCI Express x16 slot, 3 x PCI Express x1 slots
- 2 x PCI slots
- 1 x Floppy port supports up to 2.88MB
- 6 x SATA connectors
- 1 x Ultra DMA 100/66/33 Connector
- 2 x USB 2.0 headers, 1 x IEEE 1394 headers
- 1 x FP-Audio header, 1 x CD-IN

Back Panel I/O

- 1 x PS/2 Keyboard, 1 x PS/2 Mouse
- 1 x Serial Port, 1 x Parallel Port

Product Image



Product Information

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Support Information

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Compatibility Information

- [CPU](#)

- 1 x S/PDIF In/Out(AL8 only)
- Audio connector (Line-out, Line-in, MIC-in, Center/Subwoofer, Rear Surround, Side Surround)
- 2 x USB + 1 x IEEE1394a Connector
- 2 x USB + 1 x RJ-45 LAN Connector

>> **Miscellaneous**

- ATX form factor 305 x 245mm

>> **Compatible Accessories**

- [Guru Clock™](#)

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Model	Logo	Media	Country	Award	Date
AL8		it168.COM	China	Editor's Choice	2005/10/28
AL8		Hot Hardware	USA	Heat Meter of 8.5	2005/08/26
AL8		Tech Report	USA	Editor's Choice	2005/08/16
AL8		Hardware Zone	Singapore	Very Good	2005/07/08

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