

Technical Specifications

CPU

- Supports Socket 775 for Intel® Pentium 4 3xx, 5xx, 6xx, 8xx, 9xx processors.
- Supports FSB 1066/800 MHz
- Supports EIST technology
- Supports Intel® Hyper-Threading technology.
- Supports Intel® Dual Core Technology up to 1066 MHz.

Chipset

- Intel® P965 Chipset
 - Supports FSB 800/1066MHz.
 - Supports PCI Express x 16 graphics interface.
 - Supports dual channel, DDRII 533/667/800
- **Intel® ICH8 Chipset**
 - Hi-Speed USB (USB2.0) controller, 480Mb/sec, up to 8 ports.
 - 4 SATAII ports with transfer rate up to 300MB/s.
 - PCI Master v2.3, I/O APIC, ACPI 2.0 compliant.
- **Supports four unbuffered DIMM of 1.8 Volt DDRII SDRAM**
 - Supports up to 8GB memory size (DDRII 533/667).
 - Supports up to 4GB memory size (DDRII 800).
 - Supports dual channel DDRII memory architecture.
 - Supports DDRII 533/667/800 memory interface.

Slots

- One PCI Express x16 slot. (supports PCI Express Bus specification v1.0a compliant)
- One PCI Express x1 slots. (supports PCI Express Bus specification v1.0a compliant)
- Two PCI 2.3 32-bit PCI bus slots (support 3.3V/5V PCI bus interface).

On-Board IDE/SATA

- One Ultra DMA 66/100/133 IDE controller integrated in JMicron® JMB361.
 - Supports PIO, Bus Master operation modes.
 - Supports Ultra DMA 66/100/133 mode..
- SATAII controller integrated in ICH8/JMicron JMB361
 - Up to 300MB/sec transfer speed.
 - 6 SATAII ports by ICH8.

Audio

- High Definition link controller integrated in Intel® ICH8 chip.
- Audio codec Realtek® 883.
 - Compliant with Azalia 1.0 spec.
 - Flexible 8-channel audio with jack sensing.

LAN

- Realtek® RTL8110SC
 - Supports 10/100/1000 Mb/s.
 - Compliant with PCI 2.2.
 - Supports ACPI Power Management.

Internal I/O Connectors

- ATX 24-Pin power connector
- 4-pin ATX 12V power connector

- CPU / System / Power connectors
- CD-in connector
- Clear CMOS jumper
- Chassis intrusion switch connector
- IrDA infrared module header
- Serial port connector
- Front panel audio connector
- Front panel connector
- 1 x USB 2.0 connector support additional 6 ports
- 1 x Floppy disk drive connector
- 5 x Serial ATAII connectors
- 1 x ATA133 connector

MSI Reminds You...

- The floppy disk cable will be optional

Back Panel I/O Ports

- 1 x Parallel port
- 1 x Serial port (COM 1)
- 1 x PS/2 keyboard
- 1 x PS/2 mouse
- 1 x 6 in 1 audio jack
- 4 x USB 2.0 ports
- 1 x RJ45 LAN jack
- 1 x IEEE jack

BIOS

- The mainboard BIOS provides "Plug & Play" BIOS which detects the peripheral devices and expansion cards of the board automatically.
- The mainboard provides a Desktop Management Interface(DMI) function which records your mainboard specifications.