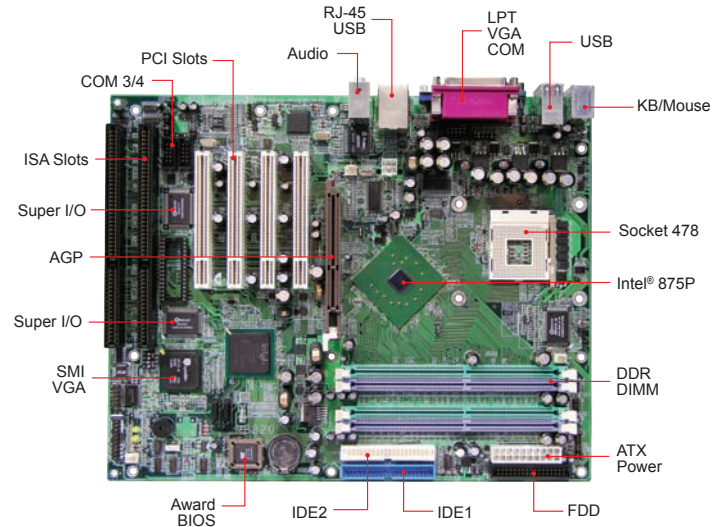


Features

- Supports Pentium® 4 / Celeron® processors
Up to 3.2GHz, 533MHz/800MHz FSB
- DDR DIMM x 4, Max. 4GB
- Onboard 10/100 BaseT or optional Gigabit Ethernet
- SMI SM712 VGA, 4MB memory, ALC650 audio
- DiskOnChip®, Watchdog timer, 6 x USB 2.0 ports
- 2 x SATA, Digital I/O, 1 x AGP, 4 x PCI, 2 x ISA slots



System

CPU :	Socket 478 for Pentium® 4 / Celeron®, up to 3.2GHz
System Memory :	DDR DIMM x 4, Max. 4GB
System Chipset :	Intel® 875P + ICH5R, 533MHz/800MHz FSB
BIOS :	Award
Watchdog Timer :	256 levels
SSD :	DiskOnChip®
H/W Monitor :	Yes
Expansion Slot :	AGP, 4 PCI, 2 ISA

Graphics

VGA Controller :	SMI 712
VGA Memory :	4MB embedded
LCD Interface :	N/A

Ethernet

Controller :	ICH5R integrated LAN, 10/100Mbps or Intel® 82547GI Gigabit LAN
Connector :	RJ-45 on board

Multi I/O

Chipset :	Winbond W83627HF + W83877TF 2x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse, 3x RS-232, 1x RS-232/422/485, 1x LPT, 2x SATA
USB :	6 ports on board (USB 2.0)
Audio :	Built-in audio + AC97 codec
Others :	IrDA

Mechanical & Environmental

Dimensions :	305mm x 244mm (12" x 9.6")
Max. Power Requirement :	Pentium® 4 3.06GHz w/ 2GB DDR +5V: 1.49A +12V: 10.45A
Operating Temperature :	0°C~60°C (32°F~140°F)
Storage Temperature :	-20°C~80°C (-68°F~176°F)
Relative Humidity :	10%~90% (non-condensing)

Ordering Information

MB820-R	Socket 478 875P ATX motherboard w/ VGA and 10/100 Ethernet (RoHS compliant)
MB820F-R	Socket 478 875P ATX motherboard w/ VGA and Gigabit Ethernet (RoHS compliant)

Remarks:

* Specifications are subject to change without prior notice.