

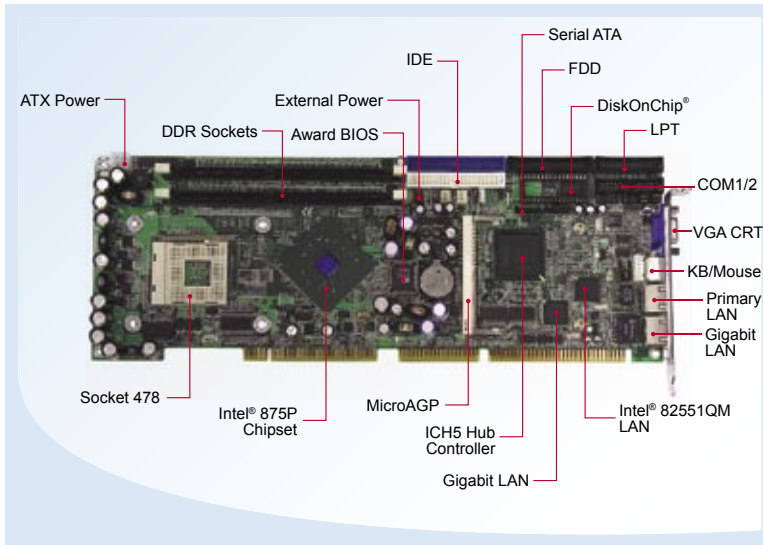
CPU Cards

IB850



Socket 478 Full-Size CPU Card w/ Intel® 875P Chipset

Pentium® 4-Based



>> Features

- Supports Pentium® 4 / Celeron® processors
Up to 3.2GHz, 800MHz FSB
- DDR DIMM x 2, Max. 2GB
- MicroAGP socket supports ATI M9/M10 VGA, 64MB, LVDS/TV-out/TMDS cards
- On-board 10/100 BaseT, Optional Gigabit Ethernet
- 4 x USB 2.0, 2x SATA, PCI to ISA bridge
- Watchdog timer, DiskOnChip®, ISA High Drive

System

CPU	Socket 478 for Pentium® 4 / Celeron®, up to 3.2GHz
System Memory	DDR DIMM x 2, Max. 2GB
System Chipset	Intel® 875P + ICH5, 400/533/800MHz FSB
BIOS	Award 4Mbit
Watchdog Timer	256 levels
SSD	DiskOnChip®
H/W Monitor	Yes
Expansion Slot	One MicroAGP socket

Graphics

VGA Controller	Optional ATI Mobility M9/M10 (IBA110)
VGA Memory	64MB DDR embedded (M9/M10)
LCD Interface	Optional via MicroAGP card, 18/24-bit LVDS (dual channel)

Ethernet

LAN Controller	Intel® 82551 10/100Mbps LAN Optional 2nd LAN (Intel® 82547E1 Gigabit LAN)
Connector	RJ-45 on board

Multi I/O

Chipset	Winbond W83627HF 2x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse, 1x RS-232, 1x RS-232/422/485, 1x LPT, 2x SATA
USB	Pin header for 4 ports (USB 2.0)
Audio	Built-in audio + AC97 codec
Others	IrDA

Mechanical and Environmental

Dimensions	338mm x 122mm (13.31" x 4.8")
Max. Power Requirement	Pentium® 4 3GHz w/ 256MB DDR +5V: 5.17A +12V: 6.17A
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

IB850	Socket 478 Full-Size 875P CPU card w/o VGA and w/ Ethernet
IB850F	Socket 478 Full-Size 875P CPU card w/o VGA, w/ 10/100 and Gigabit Ethernet
IBA110-64A	MicroAGP card w/ M10 64MB VGA for CRT/LVDS/TV-out or 2 nd CRT, AGP 8X
IBA110-64	MicroAGP card w/ M9 64MB VGA for CRT/LVDS/TV-out or 2 nd CRT, AGP 4X
USB2K-4	USB cable, USB 2.0 compliant

Remarks:

* Add (-R) after the model name for RoHS-compliant version when ordering.

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