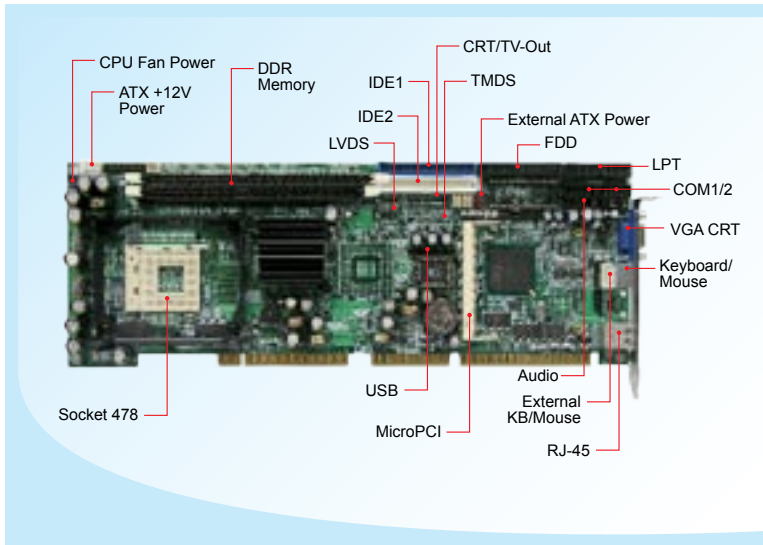


# CPU Cards

## IB820H

Socket 478 Full-Size CPU Card w/ Intel® 845GV Chipset

Pentium® 4-Based



### >> Features

- Supports Pentium® 4 / Celeron® processors  
Up to 3.06GHz, 400/533MHz FSB
- DDR DIMM x 2, Max. 2GB
- Intel® 845GV integrated VGA for CRT support
- ICH4 10/100 BaseT Ethernet
- 6 x USB 2.0, ISA High Drive, Watchdog timer
- DiskOnChip®, 1 x MicroPCI, PCI to ISA bridge

CPU Cards

## System

CPU	Socket 478 for Pentium® 4 / Celeron®, up to 3.06GHz
System Memory	DDR DIMM x 2, Max. 2GB
System Chipset	Intel® 845GV + ICH4, 400/533MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	DiskOnChip®
H/W Monitor	Yes
Expansion Slot	One MicroPCI socket

## Graphics

VGA Controller	Intel® 845GV integrated VGA for CRT (Intel® Extreme Graphics)
VGA Memory	Intel DVMT memory allocation
LCD Interface	N/A

## Ethernet

LAN Controller	ICH4 integrated LAN, 10/100Mbps
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
USB	Pin header for 6 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 2.2GHz w/ 512MB DDR +5V: 6.4A +12V: 6.3A
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

IB820H-R	Socket 478 845GV Full-Size CPU card w/ VGA and Ethernet (RoHS compliant)
ID120-R	Optional daughter card with audio/DVI/TV-out connector (RoHS compliant)
USB2K-4-R	USB cable with bracket

Remarks:

\* Specifications are subject to change without prior notice. (-R) at the end of the model name indicates RoHS compliance.

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