

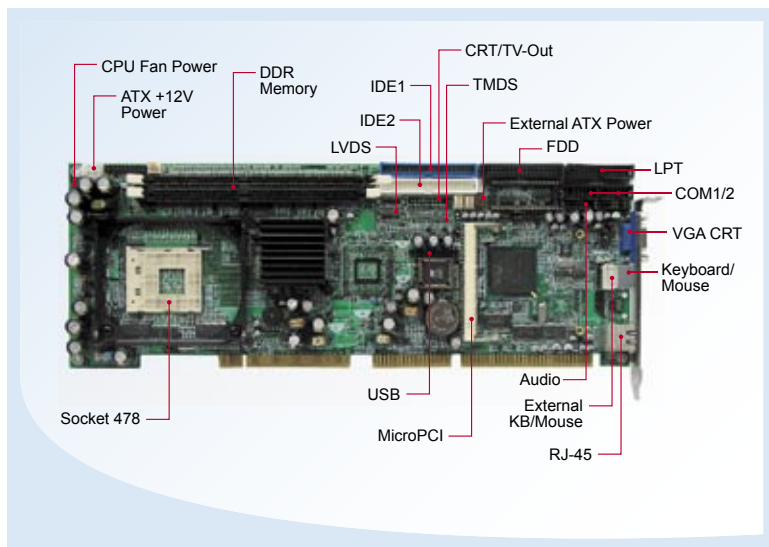
CPU Cards



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

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 4Mbit |
| Watchdog Timer | 256 levels |
| SSD | DiskOnChip® |
| H/W Monitor | Yes |
| Expansion Slot | One MicroPCI socket |

Graphics

| | |
|----------------|-------------------------------------|
| VGA Controller | Intel® 845GV integrated VGA for CRT |
| VGA Memory | N/A |
| 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 | Socket 478 845GV Full-Size CPU card w/ VGA and Ethernet |
| ID120 | Optional daughter card with audio/DVI/TV-out connector |
| USB2K-4 | USB cable with bracket |

Remarks:

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

CPU Cards

For user's manual & datasheet download, visit www.ibase.com.tw