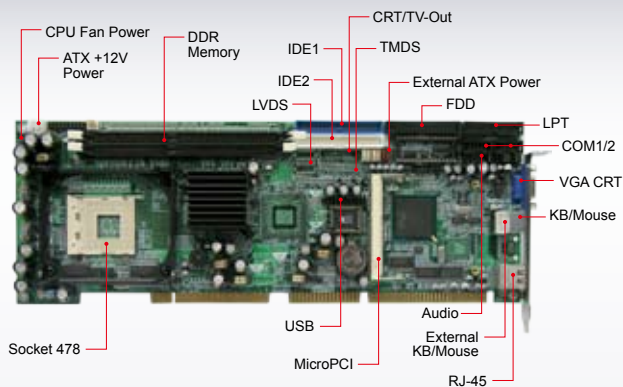


IB820H



Features

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



System

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

Graphics

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

LAN

| | |
|----------------|--|
| LAN Controller | Intel® ICH4 integrated 10/100BaseT LAN |
| Connector | RJ-45 on board |

Multi I/O

| | |
|-------------|---|
| I/O Chipset | Winbond W83627HF 2x IDE, 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 (-4°F~176°F) |
| Relative Humidity | 10%~90% (non-condensing) |

Ordering Information

| | |
|----------|---|
| IB820H-R | Socket 478 845GV Full-Size CPU card w/ VGA and 10/100 LAN |
| ID120-R | Daughter card with audio/DVI/TV-out connector |
| USB2K-4 | USB cable with bracket |

Remarks:

* Specifications are subject to change without prior notice.

- 1 Motherboards
- 2 Disk-Size SBCs
- 3 CPU Modules
- 4 PC/104 Pile
- 5 CPU Card
- 6 Embedded Systems
- 7 Network Security Appliance