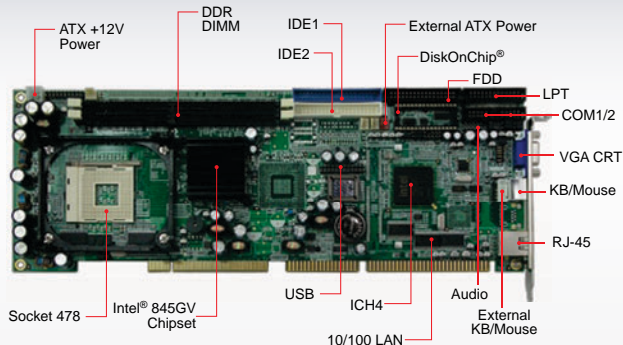


# IB820H



## 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® 82565ET 10/100BaseT LAN |
| Connector      | RJ-45 on board                 |

## Multi I/O

|             |   |
|-------------|---|
| I/O Chipset | Winbond W83627HG<br>2x IDE, 1x FDD, 1x KB, 1x Mouse<br>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<br>+5V: 6.4A<br>+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.