

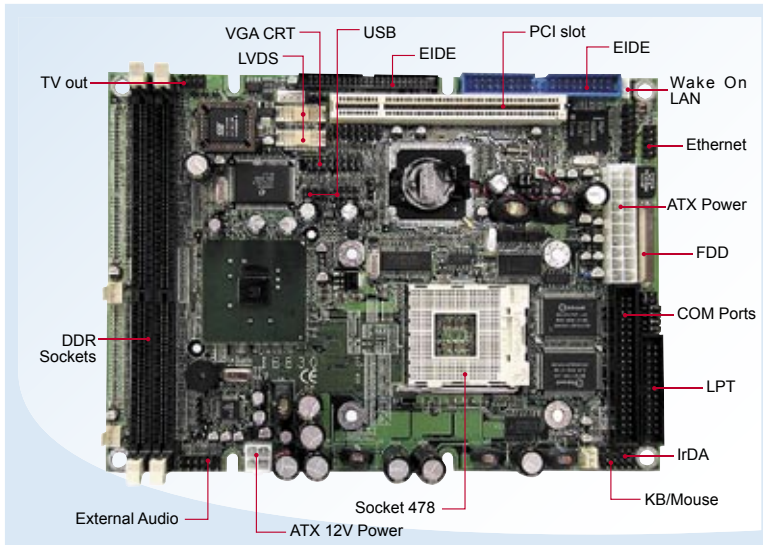
Disk-Size SBCs

IB830H



Socket 478 Pentium® 4 5.25" Disk-Size SBC 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
- Integrated VGA, shared memory, CRT/LVDS
- Onboard 10/100 Base T
- Watchdog timer, 4 x USB 2.0, 1 x PCI slot
- 4 COM ports

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	N/A
H/W Monitor	Yes
Expansion Slot	1 PCI (2 masters)

Graphics

VGA Controller	Intel® 845GV integrated
VGA Memory	Shared memory Max. 64MB
LCD Interface	18/24-bit LVDS (dual channel)

Ethernet

LAN Controller	ICH4 integrated LAN, 10/100Mbps
Connector	Pin header for RJ-45

Multi I/O

Chipset	Winbond W83627HF + W83627HF 2x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse, 3x RS-232, 1x RS232/422/485, 1x LPT
USB	Pin header for 4 ports (USB 2.0)
Audio	Built-in audio + AC97 codec
Others	IrDA

Mechanical and Environmental

Dimensions	203mm x 146mm (8" x 5.75")
Max. Power Requirement	Pentium® 4 2.4GHz, w/ 512MB DDR +5V: 3.99A +12V: 4.72A
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

IB830H	Socket 478 5.25-inch 845GV SBC w/ VGA and Ethernet
IB18	Cable kit for IB830 series
IBD	RJ-45 cable with bracket for IB830H

Remarks:

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

Disk-Size SBCs

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