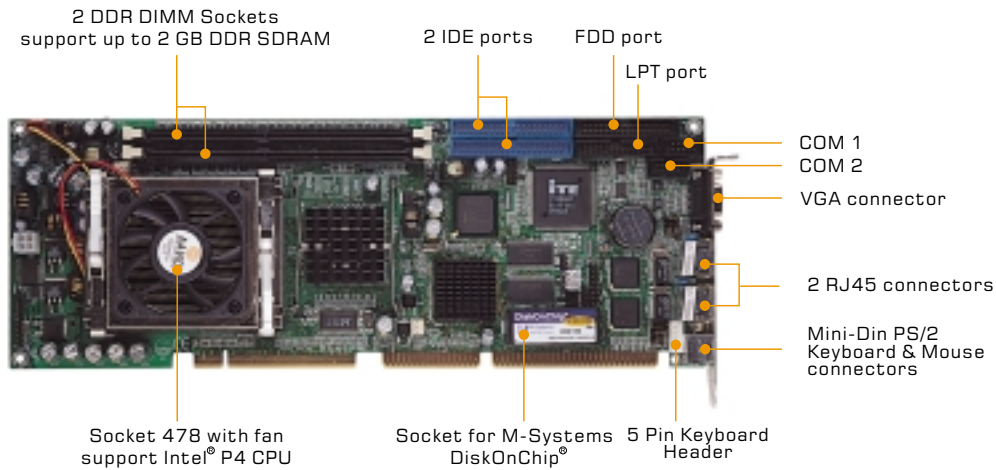


Full-size Socket 478 P4 SBC with DDR SDRAM VGA/2xLAN




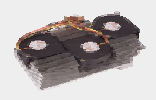
IAC-F846A



FEATURES

- Support Intel® Socket 478 Pentium® 4 processors
- Two DIMM sockets, support up to 2GB DDR PC-200/266 SDRAM
- Intel® 845 chipset with 400MHz FSB
- ATI Rage 128 Ultra GL VGA controller, with on-board 32MB memory
- Dual Intel® 82559 10/100BASE-TX Ethernet Controllers
- DiskOnChip® flash memory support
- Special design heat-sink and fan for 1U chassis

OPTIONAL

| | | |
|---|--------------------|--|
|  | Item | USB Y cable with bracket |
| | Part Number | 0800100100002 |
|  | Item | Slim cooling fan for P4 in 1U chassis (Option) |
| | Part Number | 0972012070001 |

SPECIFICATION

CPU

Socket 478 Intel® Pentium® 4 processor

Chipset

Intel® 845 chipset (support DDR version)

BIOS

AMI licensed BIOS (4MB flash ROM)

System Memory

2 x 184-pin DDR DIMM sockets, support up to 2GB DDR PC-200/266 SDRAM

VGA Controller

ATI Rage 128 Ultra GL support 32MB SDRAM (Memory interface 128bit, 4xAGP)

Ethernet

2 Intel® 82559 chip, support Dual-10/100 BASE-TX Ethernet, on-board RJ-45 connector; support Wake On LAN function

Flash Memory Disk

Reserved socket for DiskOnChip® from M-System, support up to 144MB flash memory disk

IDE Interface

2 PCI IDE port that support up to 4 IDE devices and Ultra DMA-33/66/100

Floppy Drive Interface

1 FDD port, support up to 2 floppy devices

Serial Port

2 COM port, 1 x RS-232 and 1 x RS232/422/485

Parallel Port

1 multi-mode parallel port (SPP/EPP/ECP)

Bus Interface

PCI/ISA bus (PICMG 2.0)

Universal Serial Bus

Support 2 USB ports

IR Interface

Support 1 IrDA header

Keyboard Header

5-pin header

Keyboard / Mouse Connector

6-pin Mini-Din PS/2 keyboard/ mouse connector

RTC

Internal RTC with Li battery

Watchdog Timer

16-level time-out intervals (by software program)

Power Consumption

+5V@2.99A (Pentium 4 2GHz, 512MBx2 DDR SDRAM)

+12V: 4.71A

Health Monitoring

On-board hardware monitoring function

Operating Temperature

0°C ~ 60°C

Storage Temperature

-20°C ~ 70°C

Humidity

5% ~ 95% RH, non-condensing

Dimensions

338.5 x 122 mm (13 1/4" x 4 5/6")

Net Weight

450g (0.99pounds)