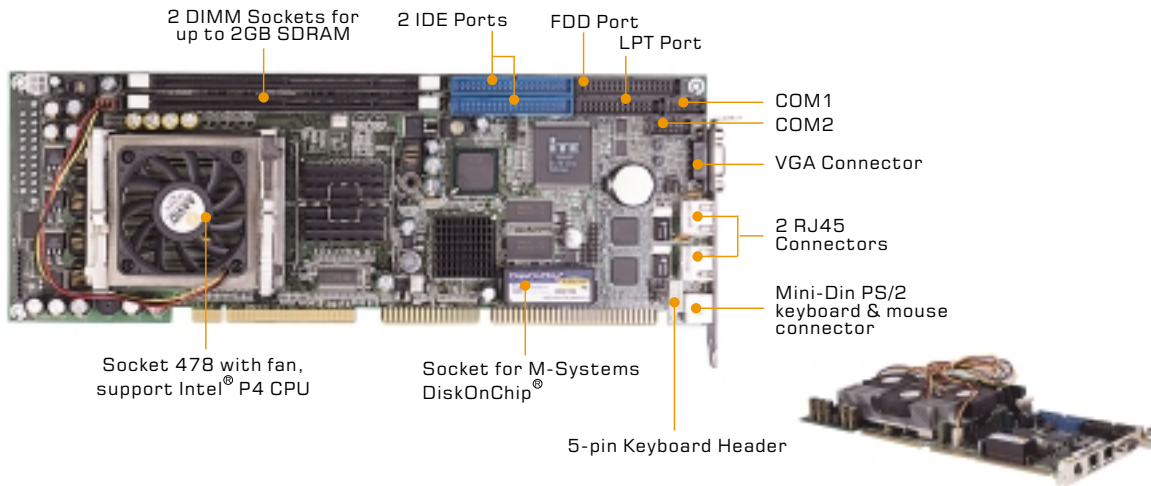


# IAC-F845A



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



## FEATURES

- Support high performance Socket 478 Intel® Pentium® 4 processors
- Support up to 2GB SDRAM
- Intel® 845 chipset with 400MHz FSB
- ATI Rage 128 Ultra GL 4X AGP graphics accelerator with 32MB memory
- Two Intel® 82559 10/100 Base-TX Ethernet controllers
- DiskOnChip® flash memory support
- Special design heatsink and fan for 1U Chassis

## OPTIONAL

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

## SPECIFICATION

### CPU

Socket 478 Intel® Pentium® 4 processor

### Chipset

Intel® 845 chipset (support SDRAM version)

### BIOS

AMI® licensed BIOS (4MB flash ROM)

### System Memory

2x168-pin DIMM sockets, support up to 2GB SDRAM

### VGA Controller

ATI Rage 128 Ultra GL support 32MB SDRAM

(Memory interface 128bit, 4xAGP)

### Ethernet Controller

2 Intel® 82559 chips, support dual-10/100 Base-TX, on-board RJ-45 connectors. 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 ports support up to 4 IDE devices/ Ultra DMA-33/66/100

### Floppy Drive Interface

1 FDD port support up to 2 floppy devices

### Serial Port

2 COM ports, 1 x RS-232 and 1 x 223/422/485

### Parallel Port

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

### Bus Interface

PCI/ISA bus (PICMG 2.0)

### RTC

Internal RTC with Li battery

### Keyboard Connector

5-pin header

### Keyboard/Mouse Connector

6-pin mini-DIN PS/2 keyboard/mouse connector

### Universal Serial Bus

Support 2 USB ports

### IR Interface

Support 1 IrDA header

### Watchdog Timer

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

### Power Consumption

+5V@2.0A(Pentium® 4 2GHz, 512MBx2 SDRAM)

+12V:3.9A

### 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 5/8")

### Net Weight

450g (0.99 pounds)