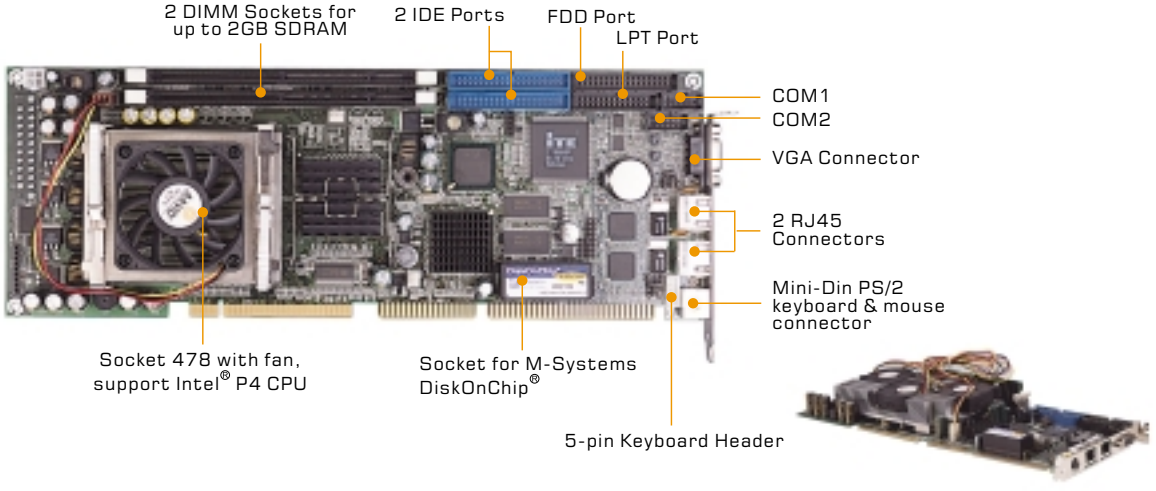
# IAC-F845A

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

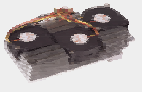



## FEATURES

- 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

| 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 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 5/6")
**Net Weight** 450g (0.99 pounds)



*All the specifications and photos are subjected to be changed without notice.