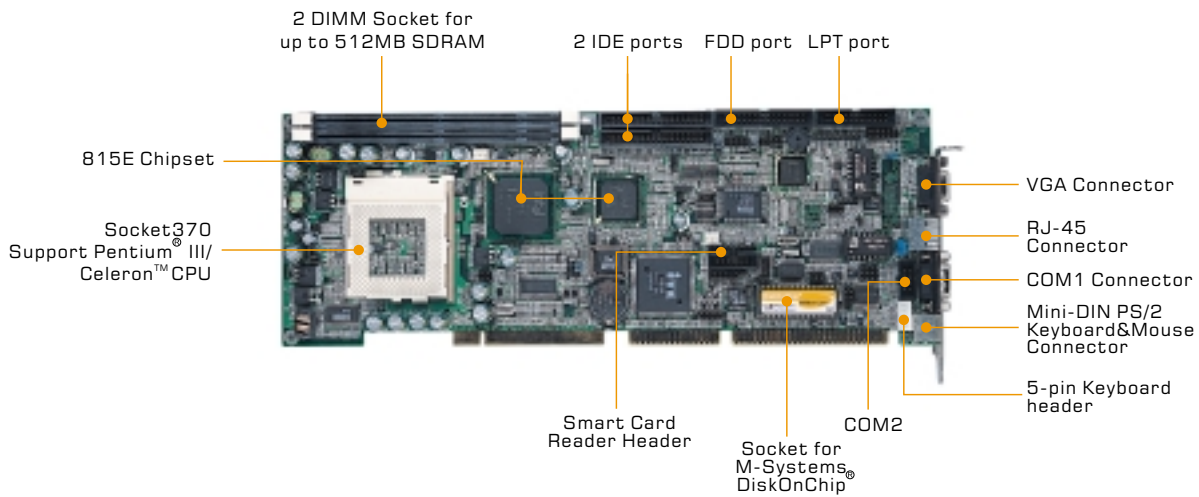


## Full-Size Socket 370 PIII SBC with VGA/LAN



# IAC-F688B

SBC




### FEATURES

- Support Intel® Pentium® III/Celeron™ Socket 370 CPU, (66/100/133 MHz FSB)
- Intel® 815E chipset
- Two DIMM sockets, support 133MHz SDRAM
- Internal graphic controller with VGA
- On board Intel® 82559 chip, support 10/100 Base-TX Ethernet
- Provides Wake On LAN function
- Support 4 IDE devices and Ultra ATA 33/66/100 mode
- One 14-pin Smart Card interface

### ORDERING INFORMATION

|           |                       |
|-----------|-----------------------|
| IAC-F688B | PIII SBC with VGA/LAN |
| IAC-F688C | PIII SBC with VGA     |

### OPTIONAL

| Item   | Part Number   |
|--|---------------|
|  USB Y cable with bracket | 0800100100002 |

### SPECIFICATION

#### CPU

Intel® Pentium® III/Celeron™ Processor in Socket 370 (66/100/133 MHz)

#### Chipset

Intel® 815E chipset

#### BIOS

Award® licensed BIOS

#### System Memory

2 x 168-pin DIMM sockets, support up to 512MB SDRAM

#### VGA

Internal graphic controller with Intel® 's Dynamic Video Memory Technology, resolution up to 1600 x 1200 x 256 colors @ 85 Hz, with VGA function

#### Ethernet

Intel® 82559 chip, support 10/100Base-TX Ethernet, Wake On LAN, support via ATX power supply

#### Flash Memory Disk

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

#### Smart Card interface

2x7-pin Smart Card interface

#### IDE Interface

2 PCI IDE port that support up to 4 IDE devices and Ultra ATA 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 RS 232/422/485

#### Parallel Port

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

#### Universal Serial Bus

Support 4 USB ports

#### IR Interface

Support 1 IrDA header

#### Digital I/O

4-bit digital I/O header

#### Keyboard Connector

5-pin header

#### Keyboard/Mouse Connector

On board 6-pin mini-DIN PS/2 mouse & keyboard

#### RTC

Internal RTC with Li battery

#### Hardware Monitor

Enhanced hardware monitor functions

#### Watchdog Timer

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

#### Power Consumption

+5V@8.3A (Pentium® III 1GHz, 256MBx2 SDRAM) +12V:200mA

#### Operating Temperature

0°C~60°C

#### Humidity

5%~95% RH, non-condense

#### Dimensions

338.5 x 122 mm ( 13 1/4" x 4 5/8" )

#### Net Weight

360g (0.79 pounds)