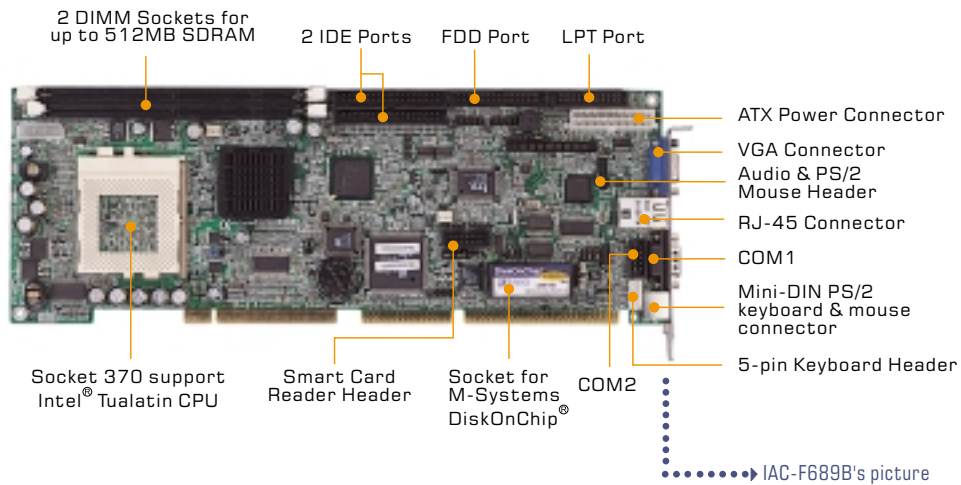


Full-size Socket 370 Tualatin SBC with VGA/2xLAN/Sound



IAC-F689A

SBC



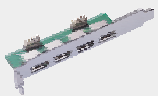

FEATURES

- Support Intel® Tualatin & Coppermine Pentium® III/ Celeron™ CPU in socket 370
- On-board dual Intel® 10/100 Base-TX Ethernet Controllers
- Built-in AGP VGA, shared system memory up to 4MB
- Built-in Sound function

ORDERING INFORMATION

IAC-F689A With VGA / 2 x LAN / Audio
IAC-F689B With VGA / LAN only

OPTIONAL

	Item
	4 Ports USB cable kit
	Part Number
	SO1USB1000110
	Item
	USB Y cable with bracket
	Part Number
	0800100100002

SPECIFICATION

- CPU** Intel® Tualatin (1.13/1.2/1.26GHz) & Coppermine Pentium® III/ Celeron™ processor in Socket 370
- Chipset** Intel® 815E chipset B step, Intel® 82562ET and 82559 LAN chip, ITE 8712 I/O chipset
- BIOS** AMI® licensed BIOS
- System Memory** 2x168-pin DIMM sockets, support up to 512MB SDRAM
- AGP VGA Controller** Intel® graphic controller with Intel's Dynamic Video Memory Technology, shared system memory 4MB, resolution up to 1600x1200x 256 colors @85Hz, with VGA
- Ethernet Controller** Intel® 82562ET and Intel® 82559 chip, support 10/100 Base-TX Ethernet, Wake-on-LAN supported via ATX power supply
- Audio/ Sound** AC 97 2.0 Codec, CD-in header on-board (Mic- In, Speak-out/Line-Out, Line-In headers are in accessories)
- 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

- Smart Card Interface** 2x7-pin Smart Card interface
- Serial Port** 2 COM ports, 1 x RS-232 and 1 x RS-223/422/ 485
- Parallel Port** 1 Multi-mode parallel port (SPP/EPP/ECP)
- Bus Interface** PCI/ISA bus (PICMG 2.0)
- Digital I/O** 4-bit digital I/O header
- RTC** Internal RTC with Li battery
- Keyboard Connector** 5-pin header
- Keyboard/Mouse Connector** 6-pin mini-DIN PS/2 keyboard/mouse connector
- Power Connector** 4-pin power input (+5V, GND, GND, +12V) & 20-pin ATX power input
- Universal Serial Bus** Support 4 USB ports
- IR Interface** Support 1 IrDA headers
- Watchdog Timer** 16-level time-out intervals (by software program)
- Power Consumption** +5V@6.32A (Pentium® III 1GHz, 256MBx2 SDRAM) +12V:210mA
- Health Monitoring** Enhanced 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** 360g (0.79 pounds)