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

IAC-F689A

- 2 DIMM Sockets for up to 512MB SDRAM
- 2 IDE Ports
- FDD Port
- LPT Port
- ATX Power Connector
- VGA Connector
- Audio & PS/2 Mouse Header
- RJ-45 Connector
- COM1
- Mini-DIN PS/2 keyboard & mouse connector
- 5-pin Keyboard Header
- Socket 370 support Intel® Tualatin CPU
- Smart Card Reader Header
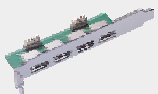- Socket for M-Systems DiskOnChip®
- COM2

▶ IAC-F689B's picture
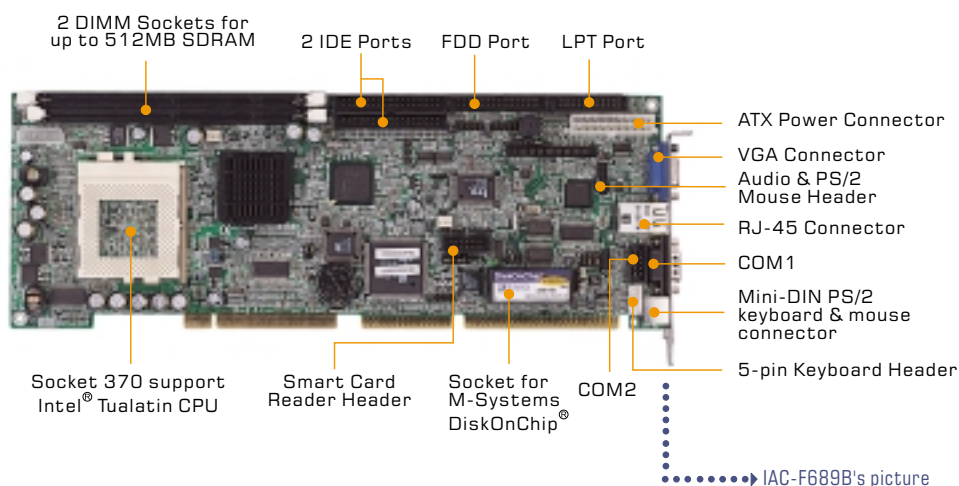
FEATURES

- 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 Dyanmic 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)

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