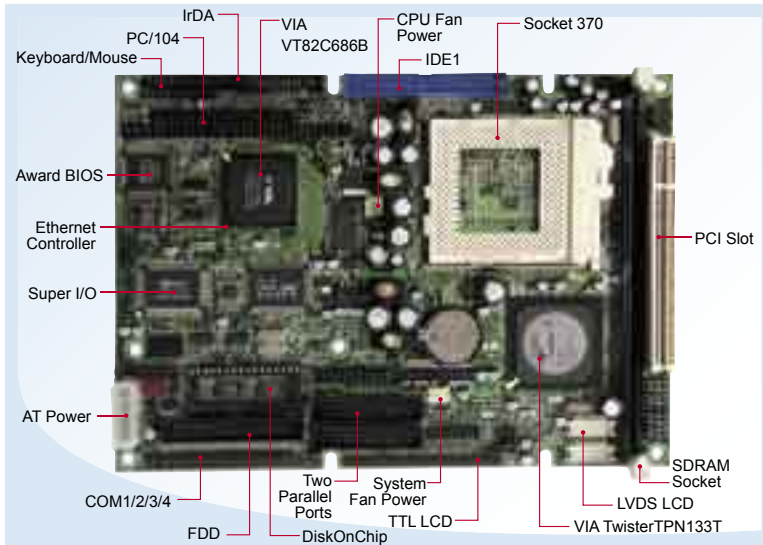


Disk-Size SBCs IB790

Socket 370 Pentium® III 5.25" Disk-Size SBC w/ VIA TwisterT Chipset

Pentium® III-Based



>> Features

- Supports Pentium® III / Celeron processors
Up to 1.4GHz, 100/133MHz FSB
- SDR DIMM x 1, Max. 512MB
- Integrated VGA, shared memory, LVDS/TTL
- Integrated 10/100 BaseT Ethernet
- Digital I/O, Watchdog timer, DiskOnChip®
- PCI slot, 2 x USB 1.1 ports
- 4 COM Ports

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System

CPU	Socket 370 for Pentium® III / Celeron®, up to 1.4GHz
System Memory	SDR DIMM x 1, Max. 512MB
System Chipset	VIA TwisterT (VT8606) + VT82C686B, 100/133MHz FSB
BIOS	Award 2Mbit
Watchdog Timer	16 levels
SSD	DiskOnChip®
H/W Monitor	Yes
Expansion Slot	1 PCI (2 masters)

Graphics

VGA Controller	VIA VT8606 Integrated
VGA Memory	Shared memory Max. 32MB
LCD Interface	18-bit LVDS (dual channel) 36-bit TTL
Options	TV out

Ethernet

LAN Controller	1 or 2 Realtek RTL8139C, 10/100Mbps
Connector	Pin header for RJ-45

Multi I/O

Chipset	VIA VT82C686B + Winbond W83877TF 2x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse, 3x RS-232, 1x RS-232/422/485, 2x LPT
USB	Pin header for 2 ports (USB 1.1)
Audio	Built-in audio + AC97 codec
Others	IrDA

Mechanical and Environmental

Dimensions	203mm x 146mm (8" x 5.75")
Max. Power Requirement	Pentium® III 1.2GHz, w/ 512MB SDRAM +5V: 6.77A +12V: 0.39A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-68°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

IB790L	Socket 370 5.25-inch TwisterT SBC w/ VGA and Ethernet
IB790	Socket 370 5.25-inch TwisterT SBC w/ VGA and dual Ethernet
IB9	Cable kit for IB790 series
IBD	RJ-45 cable with bracket for IB790L
IBLD	Dual RJ-45 cable with bracket for IB790

CPU Cards

Disk-Size SBCs

Motherboards

ETX & COM Express

CompactPCI

PC/104 Plus

Network Appliance

Baseboard & Backplane

MiniPCI
MicroAGP
& MicroPCI

For user's manual & datasheet download, visit www.ibase.com.tw