

Disk-Size SBCs

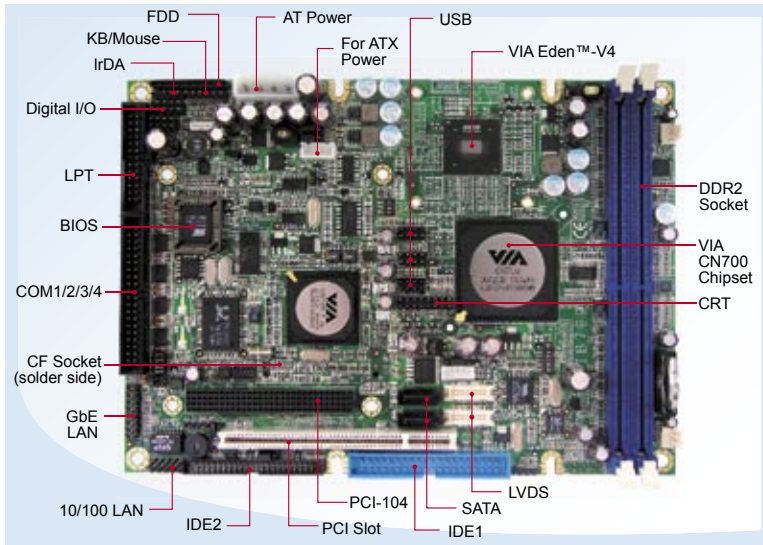


IB799

NEW

VIA Eden™-V4 / C7™ 5.25" Disk-Size SBC w/ VIA CN700 Chipset

VIA Eden™-Based



>> Features

- Onboard VIA Eden™-V4 / C7™ processors
Up to 2.0GHz, 400/533MHz FSB
- DDR2 DIMM x 2, Max. 2GB
- Onboard 10/100 and Realtek RTL8110S-32-LF Gigabit LAN
- Integrated VIA CN700 CRT VGA, 18-bit/24-bit Dual Channel LVDS
- 2 x SATA II, 6 x USB 2.0, 4 x COM, Watchdog timer
- 1 x PCI, 1 x PCI-104, optional Type II CF socket

System

CPU	VIA Eden™-V4 / C7™, up to 2.0GHz
System Memory	DDR2 DIMM x 2, Max. 2GB
System Chipset	VIA CN700 + VT8237R+, 400/533MHz FSB
BIOS	Award 4Mbit
Watchdog Timer	256 levels
SSD	Optional Type II CF socket via IDE2
H/W Monitor	Yes
Expansion Slot	1 x PCI, 1 x PCI-104

Graphics

VGA Controller	VIA CN700 integrated, supports 16/32/64MB frame buffer size
VGA Memory	Shared memory Max. 64MB
LCD Interface	18-bit or 24-bit Dual Channel LVDS

Ethernet

Controller	VIA VT8237R+ built-in 10/100 and optional Realtek RTL8110S-32-LF Gigabit LAN
Connector	Pin header for RJ-45

Multi I/O

Chipset	VIA VT8237R+, Winbond 83697HG, Fintek F81216 2x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse 3x RS-232, 1xRS-232/422/485, 2 x SATA II (RAID 0,1)
USB	6 ports on board (USB 2.0)
Audio	VIA VT8237R+ built-in audio + AC97 codec
Others	4-pin AT power connector

Mechanical and Environmental

Dimensions	203mm x 146mm (8" x 5.75")
Max. Power Requirement	TBC
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

IB799	VIA Eden-V4 1.0GHz 5.25-inch SBC w/ 10/100 Ethernet
IB799F	VIA Eden-V4 1.0GHz 5.25-inch SBC w/ 10/100 and Gigabit Ethernet

Remarks:

* Add (-R) after the model name for RoHS-compliant version when ordering.

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