

Disk-Size SBCs

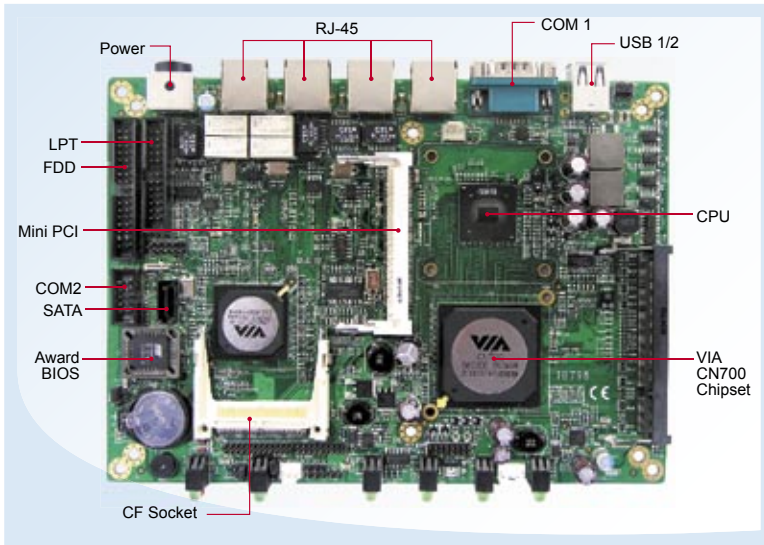


IB798

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 SO-DIMM x 1, Max. 1GB
- 4 x Realtek RTL8100C-LF 10/100 BaseT LAN,
Optional LAN bypass
- Integrated VIA CN700 VGA
- 1 x SATA II, 2 x USB 2.0, 2 x COM
- 1 x Mini PCI, 1 x CF socket

System

CPU	VIA Eden™-V4 / C7™, up to 2.0GHz
System Memory	DDR2 SO-DIMM x 1, Max. 1GB
System Chipset	VIA CN700 + VT8237R+, 400/533MHz FSB
BIOS	Award 4Mbit
Watchdog Timer	N/A
SSD	CF socket
H/W Monitor	Yes
Expansion Slot	1 Mini PCI

Graphics

VGA Controller	VIA CN700 integrated
VGA Memory	Shared memory Max. 64MB
LCD Interface	N/A

Ethernet

Controller	Realtek RTL8100C-LF 10/100 BaseT LAN x 4, optional bypass function on LAN1 & 2
Connector	4 RJ-45 on board

Multi I/O

Chipset	VT8237R+, Winbond W83697HG 1x IDE (UDMA33/66/100/133), 1x FDD, 1x KB, 1x Mouse, 1x LPT, 2x RS-232, 1x SATA II
USB	2 ports on board (USB 2.0)
Audio	Onboard buzzer only
Others	1x DC-In power connector

Mechanical and Environmental

Dimensions	203mm x 146mm (8" x 5.75")
Max. Power Requirement	VIA Eden 400MHz w/ 512MB DDR2 +5V: 4.23A +12V: 0.8A
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

IB798	VIA Eden-V4 1.0GHz 5.25-inch SBC w/ 10/100 Ethernet, w/o bypass
IB798F	VIA Eden-V4 1.0GHz 5.25-inch SBC w/ 10/100 Ethernet, w/ bypass
IB798L	VIA Eden-V4 400MHz 5.25-inch SBC w/ 10/100 Ethernet, w/o bypass

Remarks:

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