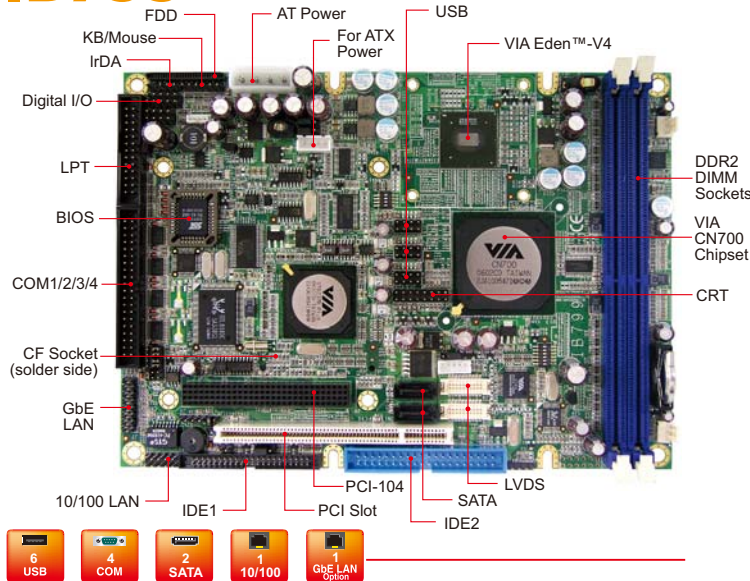




## IB799



### Features

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

### System

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

### LAN

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

### Multi I/O

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, 2x SATA (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	VIA Eden 1GHz w/ 2x1GB DDR2 +5V: 3.47A +12V: 0.7A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

### Ordering Information

IB799-400-R	VIA Eden-V4 400MHz 5.25-inch SBC w/ VGA and 10/100 LAN
IB799F-1G-R	VIA Eden-V4 1.0GHz 5.25-inch SBC w/ VGA, CF, 10/100 and Gigabit LAN
IB35	Cable kit for IB799 series, w/ IDEx2, COM, VGA, PS/2, USB and audio
ID240-R	10/100, GbE RJ45 board (see page 24)
IP115	Riser card with 1x PCI (see page 24)
IP151-R	Riser card with 2x PCI (see page 24)
IP340	Riser card with 2x PCI (see page 24)
IP450-R	Riser card with 2x PCI (see page 25)

Remarks:

\* Specifications are subject to change without prior notice.

1 Motherboards

2 Disk-Size SBCs

3 CPU Modules

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