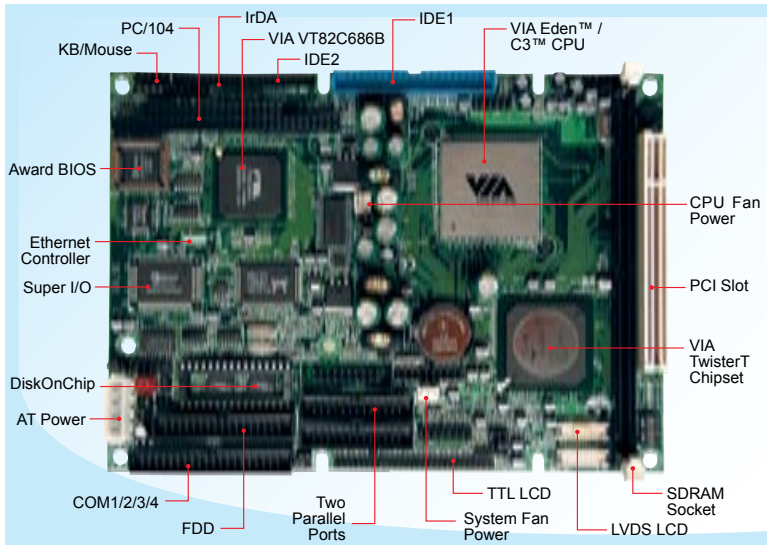


# Disk-Size SBCs

## IB795

VIA Eden™ 5.25" Disk-Size SBC w/ VIA TwisterT Chipset

VIA Eden™ -Based



### >> Features

- Embedded VIA Eden™ / C3™ processors  
Up to 1GHz, 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®
- 1 x PCI slot, 2 x USB 1.1 ports
- 4 COM Ports

## System

CPU	VIA Eden™ / C3™, up to 1GHz
System Memory	SDR DIMM x 1, Max. 512MB
System Chipset	VIA TwisterT (VT8606) + VT82C686B, 100/133MHz FSB
BIOS	Award
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	VIA Eden™ 533MHz, 512MB SDRAM +5V: 3.89A +12V: 0.37A
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

IB795L-6*	VIA Eden™ 667MHz 5.25-inch TwisterT SBC w/ VGA and Ethernet
IB795-6	VIA Eden™ 667MHz 5.25-inch TwisterT SBC w/ VGA and dual Ethernet
IB9	Cable kit for IB795 series
IBD	RJ-45 cable with bracket for IB795L
IBLD	Dual RJ-45 cable with bracket for IB790

Remarks:

\* IB795 is available in limited stock. For a replacement with similar specifications, please check out the IB799 5.25" Disk-Size SBC.