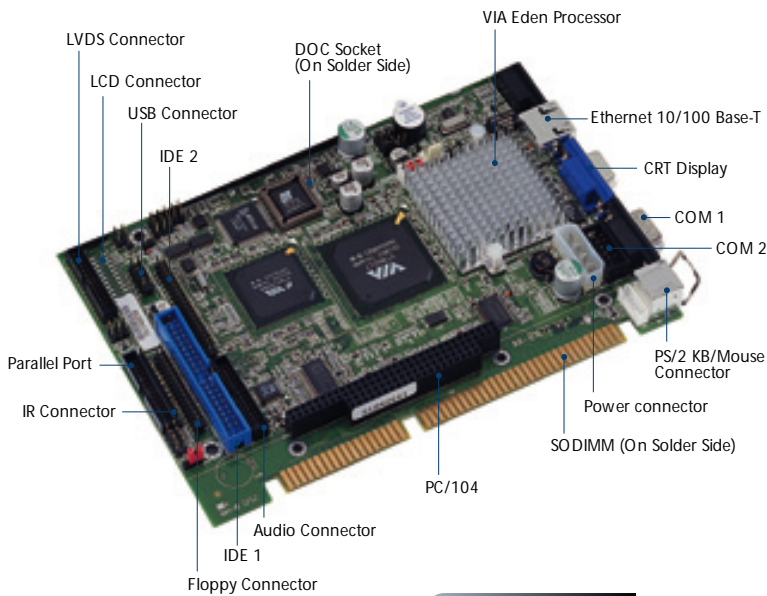


# AR-B1672

*Half-size VIA EDEN/C3 ISA SBC with VGA (CRT/LCD/LVDS), LAN, DOC*



## Features ~ ~ ~ ~ ~

On-board fanless VIA Eden 400 MHz CPU

VIA VT8601T + VT82C686B Chipsets

On-board 144-pin SoDIMM socket maximum supports 512MB memory

Supports one socket for Disk On Chip (DOC)

On-board 10/100M Base-T Ethernet function

Dimensions: 185 x 122 mm

## Specifications

### General

<b>CPU</b>	On-board fanless VIA Eden 400 MHz CPU (Optional: C3 and other frequencies)
<b>Chipset</b>	VIA VT8601T + VT82C686B
<b>BIOS</b>	AMI
<b>System Memory</b>	Supports SDRAM PC133; One 144-pin SoDIMM socket maximum supports 512MB memory
<b>Watchdog</b>	Software programmable 1~63 seconds
<b>RTC</b>	Supports ACPI function with 7 years data retention
<b>Serial Port</b>	One D-SUB 9-pin male connector at bracket for COM1 with RS-232C/RS-485 On-Board one 2 x 5 x 2.54 mm pin-header connector for COM2 with RS-232C/Touch Screen
<b>Parallel Port</b>	On-board one 2x13x2 mm pin-header connector for Parallel port, supports SPP/EPP/ECP modes
<b>IDE</b>	On-board One 2x20x2.54mm pin-header connector, supports Ultra DMA 33/66/100 On-board One 2x22x2.00mm pin-header connector, supports Ultra DMA 33/66/100, supports Flash Disk and CF adaptor
<b>FDD interface</b>	On-board one 2x17x2.54mm pin-header connector
<b>USB</b>	for 2 USB ports, USB 1.1 compliant
<b>Keyboard and PS/2 mouse</b>	On-board PS/2 Keyboard and Mouse connector VT82C686B included, supports Power Voltage, and
<b>H/W monitoring</b>	CPU temperature monitoring
<b>Audio</b>	Optional (AR-B9425A with 26 pin connector)
<b>VGA Display</b>	
<b>Chipset</b>	Chipset built-in 4x AGP graphic controller
<b>Memory</b>	SMA, shared system memory 2~8MB (8602)
<b>Interface</b>	CRT - D-SUB 15-pin female connector at bracket LCD - Support up to 18 bit for TFT

### LAN

<b>Chipset</b>	On-Board one Realtek RTL 8100B supports 10/100Mbps Ethernet & boot on Lan
<b>Interface</b>	RJ-45 connector built-in LED at bracket
<b>Solid State Disk</b>	
<b>Solid State Disk</b>	On-board one socket for Disk On Chip, supports 8~288MB capacity
<b>Mechanical and Environmental</b>	
<b>Power requirements</b>	+5V & +12V, supports AT/ATX power function, wafer 5.08 mm, 4 pin, male 180 degree, white for PCB
<b>Dimensions</b>	185mm x 122mm (7.3" x 4.8")
<b>PC Board</b>	8 Layers
<b>Operating temperature</b>	0~60°C
<b>Storage Temperature</b>	-20~80°C
<b>Operating humidity</b>	0~90% relative humidity none-condensing

### Ordering information:

Model No. □	Description □	Accessories
AR-B1672	Half-size VIA EDEN/C3 ISA SBC with 4 x AGP graphics, LCD, LAN, DOC, etc.	<p><b>1. Cables:</b> HDD/FDD cables, Parallel/COM port cables and PS/2 Y cable for keyboard &amp; mouse</p> <p><b>2. CD drivers:</b> IDE, VGA, LAN, drivers for Windows 95/98, NT, OS/2, Linux</p> <p><b>3. Optional AR-B9462A compact flash connector</b></p> <p><b>4. Optional AR-B9425A audio connector</b></p>

Note: All Specifications are subject to change without notice.