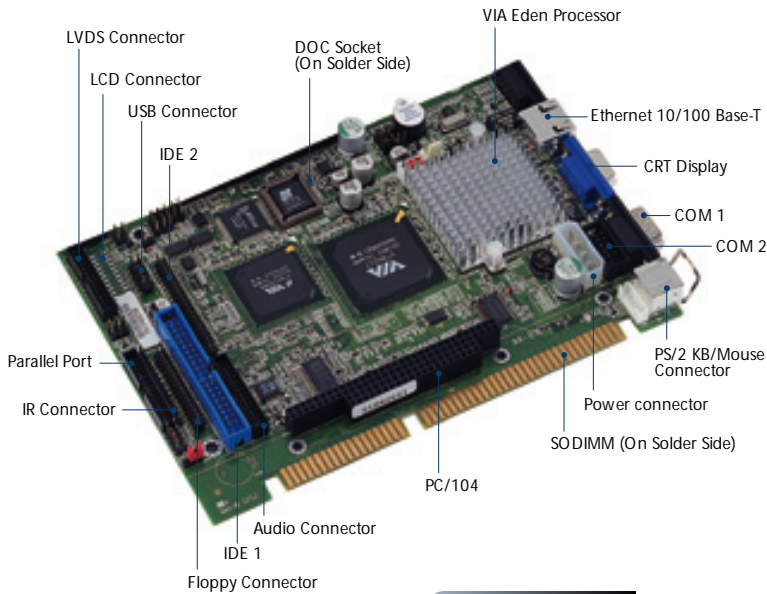


AR-B1672

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

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

LAN

Chipset	On-Board one Realtek RTL 8100B supports 10/100Mbps Ethernet & boot on Lan
Interface	RJ-45 connector built-in LED at bracket
Solid State Disk	
Solid State Disk	On-board one socket for Disk On Chip, supports 8~288MB capacity
Mechanical and Environmental	
Power requirements	+5V & +12V, supports AT/ATX power function, wafer 5.08 mm, 4 pin, male 180 degree, white for PCB
Dimensions	185mm x 122mm (7.3" x 4.8")
PC Board	8 Layers
Operating temperature	0~60°C
Storage Temperature	-20~80°C
Operating humidity	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>1. Cables: HDD/FDD cables, Parallel/COM port cables and PS/2 Y cable for keyboard & mouse</p> <p>2. CD drivers: IDE, VGA, LAN, drivers for Windows 95/98, NT, OS/2, Linux</p> <p>3. Optional AR-B9462A compact flash connector</p> <p>4. Optional AR-B9425A audio connector</p>

Note: All Specifications are subject to change without notice.