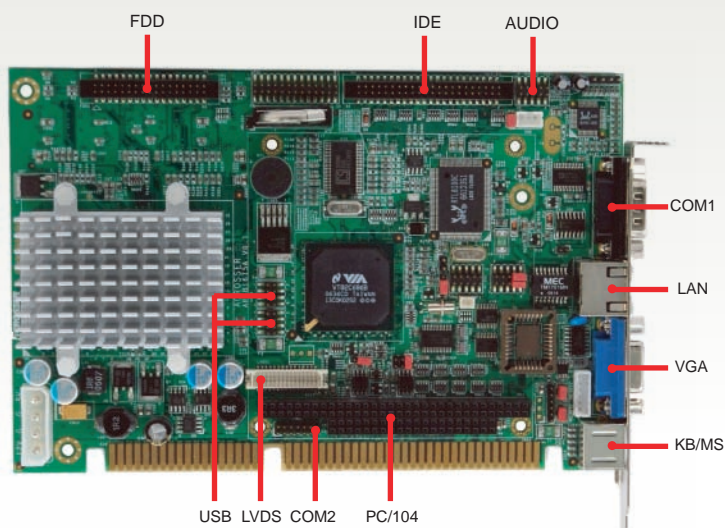




AR-B1675A

Fanless ISA Bus SBC with VIA Mark 800MHz CPU, LCD,
LAN, Onboard 128MB SDRAM



Features

- ✓ Fanless Design
- ✓ Onboard VIA Mark 800MHz
- ✓ Onboard 128MB SDRAM
- ✓ PC/104 Interface
- ✓ 2 x COM, 4 x USB1.1, VGA, 18-bit LVDS, 1 x 10/100 LAN

SPECIFICATION

System

CPU	VIA Mark 800MHz
Chipset	VT82C686B
Memory	1 x SO-DIMM socket support 200/266MHz SDRAM up to 1GB, onboard 128MB SDRAM
Battery	Lithium Battery, 3V 220mAh
BIOS	Award
RTC	Yes
WatchDog Timer	Software programmable 1~63 sec.
OS	Windows NT4.0/98/2000/XP/CE, Linux

Video

Video Controller	VIA UniChrome Pro 2D/3D integrated graphic controller
Video Interface	1 x VGA (DB15) 1 x 18-bit LVDS (Onboard pin header)

Ethernet

Connector	1 x RJ45
Controller	Realtek RTL8100C (10/100Mbps)

Storage

IDE	1 x IDE
FDD	1 x Floppy disk drive 3.5"
SSD	1 x Compact Flash socket

I/O

Serial Port	2 x RS-232 (1 x DB9, 1 x onboard pin header)
USB Port	4 x USB1.1 (4 x onboard pin header)
Audio	Realtek ALC655 AC'97 Stereo (MIC-In/Line-In/Line-Out)
GPIO	8-bit Digital I/O
Parallel Port	1 x LPT port
Keyboard/Mouse	PS/2 keyboard and mouse connector
Expansion Slot	1 x PC/104 slot

Mechanical & Environment

Dimension	185mm x 122mm
Power Requirement	+5V @ 2.5A typical, +12V @ 1.0A typical supports AT/ATX power function
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	CE FCC class A

Packing List

1. AR-B1675A x 1
2. Driver CD x 1
3. Quick user manual x 1
4. PS/2 keyboard and mouse cable x 1
5. IDE cable (44-pin) x 1
6. COM cable x 1
7. Audio cable x 1
8. LPT cable x 1
9. USB cable x 1
10. FDD cable x 1