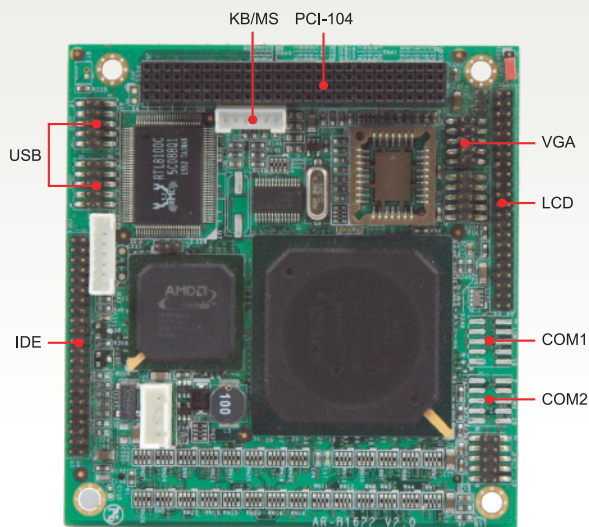




AR-B1622

PCI-104 SBC powered by AMD LX800 Processor with CRT/LCD, LAN, PCI-104, 2 x COMs, USB2.0

Embedded SBC



Features

- ✓ 1. AMD LX800+ CS5536 Fanless design
- ✓ 2. Memory support DDR 200 up to 1 GB
- ✓ 3. VGA / TTL
- ✓ 4. 4 USB2.0 / 2 COM port

SPECIFICATION

System	
CPU	AMD LX 800 CPU (Ultra Low Power @ 3.8W), 500 MHz, 128 KB L2 cache, Fanless
Chipset	AMD LX800+CS5536
Memory	One SO-DIMM socket support 200 DDR SDRAM up to 1GB
Battery	Lithium Button Cell Battery, 3V 220mAh
BIOS	Award
WatchDog Timer	Software programmable 1~63 sec.
OS	Windows XP/XP Embedded/Win 2000/CE, Linux
Power Input	DC 5V / 12V, AT mode

Video	
Video Controller	AMD Geode LX integrated video controller, Up to 254MB max shared system memory. Integrated Intel AGP 4X 2D/3D engine
Video Interface	1 x VGA up to 1600 x 1200 x 32bpp at 100Hz or 1920 x 1440 x 32bpp at 85 Hz 1 x 24-bit TTL interface for TFT LCD panel LCD inverter power connector and ON/OFF control Support 3.3V and 5V LCD

Ethernet	
Connector	Pin head(7 Pin)
Controller	RTL8100C(10/100)

Storage	
IDE	1 x 44pin IDE support ATA66

I/O	
Serial Port	RS-232 x 2 (COM1/2)
USB Port	4 x USB 2.0
GPIO	8-bit Digital I/O
Keyboard/Mouse	1x PS/2 for keyboard and mouse
Expansion Slot	PCI-104(PCI interface)

Mechanical & Environment	
Dimension	90mm x 96mm (3.54 x 3.78")
Power Requirement	DC 5V/12V, AT mode
Operating Temp.	0~60°C(32~140°F)
Storage Temp.	-20~80°C(-4~176°F)
Relative Humidity	5 to 90% @ 40° C, non-condensing
Safety	CE, FCC Class A

Packing List	
AR-B1622:	
1 x PCI-104 SBC,	
1 x Driver Disc,	
1 x Lan Cable + RJ45 Jack	
1 x Power cable(AT)	
1 x IDE cable(44pin to 40pin)	
1 x COM cable(DB9)	
1 x USB cable	
1 x KB/MS cable	
1 x VGA cable	

Ordering Information	
AR-B1622	
PCI/104 SBC powered by AMD LX800 Processor with CRT/LCD, 10/100LAN, PCI/104, 2 x COM, USB2.0, Power Cable, K/M Cable, IDE Cable, RJ45 Cable, VGA Cable	