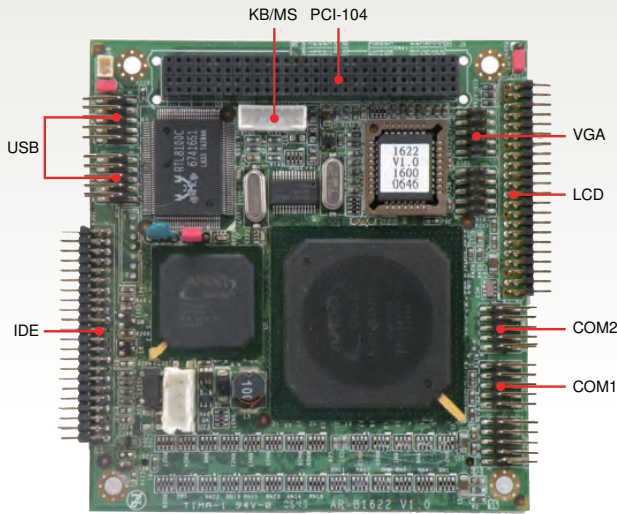


# AR-B1622

PCI-104 SBC powered by AMD LX 800 Processor with CRT/LCD,  
LAN, PCI-104, 2 x COM, USB2.0

Embedded SBC



### Features

- ✓ AMD LX 800 + CS5536
- ✓ Fanless Design
- ✓ Memory support DDR 200MHz up to 1GB
- ✓ VGA/TTL
- ✓ 2 x COM, 4 x USB2.0

## Specification

System	
<b>CPU</b>	AMD LX 800
<b>Chipset</b>	AMD LX 800 + CS5536
<b>Front Size Bus</b>	500MHz
<b>Memory</b>	1 x 200-pin SO-DIMM socket support 200MHz DDR SDRAM up to 1GB
Video	
<b>Video Controller</b>	AMD Geode LX integrated video controller
<b>Video Memory</b>	-
<b>Video Interface</b>	<ul style="list-style-type: none"> <li>• 1 x VGA (Pin header)</li> <li>• 1 x 24-bit TTL interface for TFT LCD panel, "LCD inverter power connector and ON/OFF control support 3.3V and 5V LCD"</li> </ul>
Storage	
<b>IDE</b>	1 x IDE (44-pin) support ATA66
<b>SATA</b>	-
<b>CF</b>	-
<b>SD</b>	-
I/O	
<b>Expansion Slot</b>	1 x PCI-104
<b>Ethernet</b>	1 x 100Mbps pin header, RTL8100C
<b>Serial Port</b>	2 x RS-232 (2 x pin header)
<b>USB Port</b>	4 x USB2.0 (4 x pin header)
<b>GPIO</b>	8-bit Digital I/O
<b>Parallel Port</b>	-
<b>PS/2</b>	1 x PS/2
<b>Audio</b>	-
Hardware Feature	
<b>Hardware</b>	-
<b>Monitoring</b>	-
<b>WatchDog Timer</b>	Software programmable 1~63 sec.

Power Requirement	
<b>Power Input</b>	+5V 2A and +12V 1A maximum
Software	
<b>OS Support</b>	Windows XP/XP Embedded/2000/CE, Linux
Mechanical & Environment	
<b>Dimension</b>	90mm x 96mm (3.54" x 3.78")
<b>Weight</b>	Net: 84g (0.2Lb), Gross: 84g (1.1Lb)
<b>Operating Temp.</b>	0~60°C (32~140°F)
<b>Storage Temp.</b>	-20~80°C (-4~176°F)
<b>Relative Humidity</b>	5 to 90% @ 40°C, non-condensing
<b>Safety</b>	CE, FCC class A
Packing List	
<ul style="list-style-type: none"> <li>• 1 x AR-B1622</li> <li>• 1 x Driver CD</li> <li>• 1 x User manual</li> <li>• 1 x LAN cable + RJ45 connector</li> <li>• 1 x Power cable (AT)</li> <li>• 1 x HDD cable</li> <li>• 1 x COM cable (DB9)</li> <li>• 1 x USB cable</li> <li>• 1 x PS/2 keyboard and mouse cable</li> <li>• 1 x VGA cable (DB15)</li> </ul>	
Software	
<b>AR-B1622</b>	1 x AR-B1622

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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