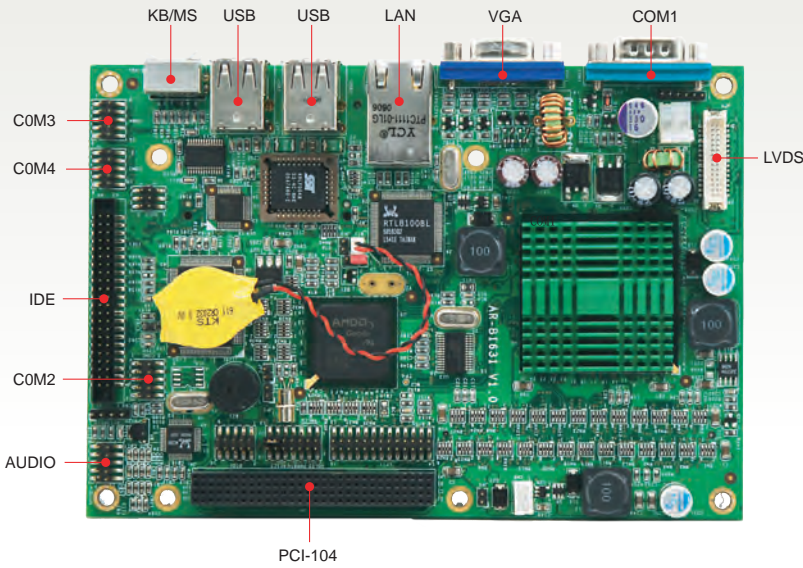


AR-B1631

AMD Geode LX 800 EPIC Embedded PC with VGA, 10/100 LAN, PCI-104, 4 x Serial Port, 4 x USB2.0



Features

- ✓ AMD Geode LX 800 + CS5536
- ✓ Memory Support DDR 200MHz up to 1G
- ✓ VGA/LVDS
- ✓ 4 x COM, 4 x USB2.0, LPT, Audio
- ✓ CF Socket, PCI-104

Embedded SBC

Specification

System	
CPU	AMD LX 800
Chipset	AMD LX 800 + CS5536B
Front Side Bus	500MHz
Memory	1 x 200-pin SO-DIMM socket support 200MHz DDR SDRAM up to 1GB
Video	
Graphic Controller	Integrated 2D engine up to 64MB shared system memory
Video Memory	-
Video Interface	<ul style="list-style-type: none"> • 1 x VGA port (DB15) • 1 x 18-bit LVDS (Pin header)
Storage	
IDE	1 x IDE (44-pin)
SATA	-
CF	1 x Compact Flash Type I socket
SD	-
I/O	
Expansion Slot	1 x PCI-104
Ethernet	1 x 100Mbps RJ45, Realtek RTL8100C
Serial Port	3 x RS-232, 1 x RS-232/422/485 (1 x DB9, 3 x pin header)
USB	4 x USB2.0 (4 x external port)
GPIO	8-bit Digital I/O
Parallel Port	1 x LPT (Pin header)
PS/2	1 x PS/2
Audio	Realtek ALC655

Power Requirement	
Power Input	12V (+/-5%) single voltage input
Power Consumption	12W without external devices, 1A@12V

Software	
OS Support	Windows XP/XP Embedded/CE, Linux

Mechanical & Environment	
Dimension	115mm x 165mm (4.53" x 6.50")
Weight	Net: 196g (0.4Lb), Gross: 570g (1.3Lb)
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	
	<ul style="list-style-type: none"> • 1 x AR-B1631 • 1 x Driver CD • 1 x User manual • 1 x PS/2 cable

Ordering Information	
AR-B1631	1 x AR-B1631
Accessory	<p>ACC-EPIC:</p> <ul style="list-style-type: none"> • 1 x Power cable (ATX) • 1 x Power cable (AT) • 1 x IDE cable (40/44-pin) • 1 x PS/2 keyboard and mouse cable • 1 x Audio cable (Line-in/Line-out/Mic-in) • 1 x USB cable • 1 x LPT cable

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