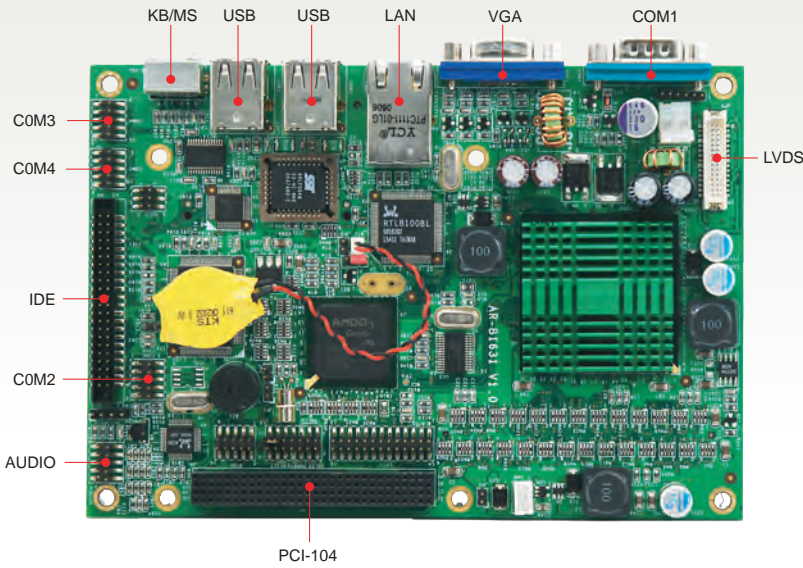


AR-B1631

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

- 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 | ACC-EPIC: <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 |