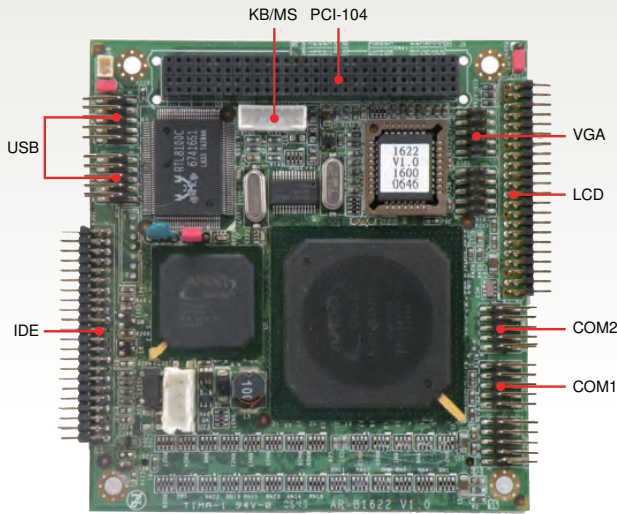


AR-B1622

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

| Power Requirement | |
|--|---------------------------------------|
| Power Input | +5V 2A and +12V 1A maximum |
| Software | |
| OS Support | Windows XP/XP Embedded/2000/CE, Linux |
| Mechanical & Environment | |
| Dimension | 90mm x 96mm (3.54" x 3.78") |
| Weight | Net: 84g (0.2Lb), Gross: 84g (1.1Lb) |
| 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 | |
| <ul style="list-style-type: none"> • 1 x AR-B1622 • 1 x Driver CD • 1 x User manual • 1 x LAN cable + RJ45 connector • 1 x Power cable (AT) • 1 x HDD cable • 1 x COM cable (DB9) • 1 x USB cable • 1 x PS/2 keyboard and mouse cable • 1 x VGA cable (DB15) | |
| Software | |
| AR-B1622 | 1 x AR-B1622 |

Assured Systems

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US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660