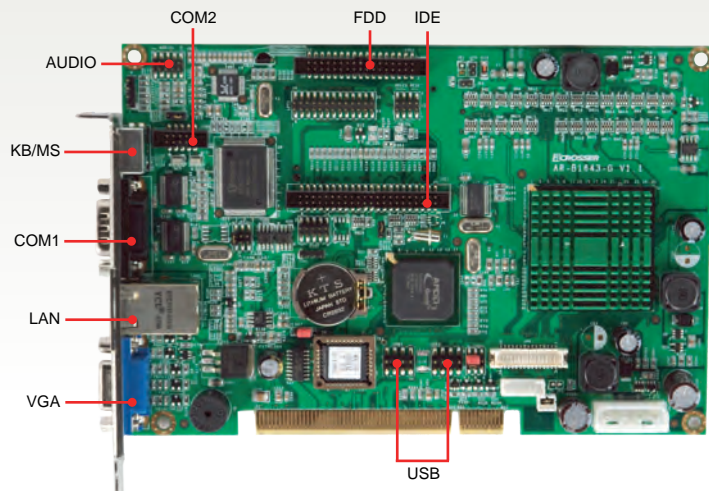



# AR-B1643

AMD Geode LX 800 with VGA, 10/100 LAN, CF + Type II, 2 x COM, 4 x USB2.0





## Features

- ✓ AMD Geode LX 800 CPU
- ✓ 1 x SO-DIMM Socket Support  
DDR SDRAM up to 1GB
- ✓ VGA/18-bit LVDS
- ✓ 2 x COM, 4 x USB2.0,  
1 x 10/100Mbps LAN

Industrial Computing

## Specification

### Specification

<b>CPU</b>	AMD Geode LX 800 500MHz, 128KB L2 cache
<b>Chipset</b>	SB Geode CS5536
<b>Front Side Bus</b>	500MHz
<b>Memory</b>	1 x 200-pin SO-DIMM socket support 200MHz DDR SDRAM up to 1GB

### Video

<b>Graphic Controller</b>	AMD Geode LX 800 integrated graphic processor
<b>Video Memory</b>	-
<b>Video Interface</b>	<ul style="list-style-type: none"> <li>• 1 x VGA (DB15)</li> <li>• 1 x 18-bit LVDS (Pin header)</li> </ul>

### Storage

<b>IDE</b>	1 x IDE support ATA 33/66/100
<b>SATA</b>	-
<b>CF</b>	1 x Compact Flash Type I/II socket
<b>SD</b>	-
<b>FDD</b>	1 x Floppy disk drive 3.5"

### I/O

<b>Expansion Slot</b>	-
<b>Ethernet</b>	1 x 100Mbps RJ45 with LED, Realtek RTL8100C
<b>Serial Port</b>	1 x RS-232/422/485 (Pin header)
<b>USB</b>	4 x USB2.0 (4 x Pin header)
<b>GPIO</b>	8-bit Digital I/O
<b>Parallel Port</b>	1 x LPT port support SPP, EPP and ECP mode
<b>PS/2</b>	1 x PS/2
<b>Audio</b>	Realtek ALC655

### Hardware Feature

<b>Hardware Monitoring</b>	<ul style="list-style-type: none"> <li>• CPU voltage</li> <li>• CPU and system temperature</li> <li>• RTC battery voltage</li> </ul>
<b>WatchDog Timer</b>	Software programmable 1-63 sec.

### Power Requirement

<b>Power Input</b>	12V (+/-5%) single voltage input
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### Software

<b>OS Support</b>	Windows XP/XP Embedded/2000/CE, Linux
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### Mechanical & Environment

<b>Dimension</b>	185mm x 122mm (7.28" x 4.80")
<b>Operating Temp.</b>	0~60°C (32~140°F)
<b>Storage Temp.</b>	-20~80°C (-4~176°F)
<b>Relative Humidity</b>	0 to 90% @ 40°C, non-condensing
<b>Safety</b>	CE, FCC class A

### Packing List

- 1 x AR-B1643
- 1 x Driver CD
- 1 x PS/2 keyboard and mouse cable
- 1 x HDD cable
- 1 x COM cable
- 1 x USB cable
- 1 x LPT cable

### Software

<b>AR-B1643</b>	1 x AR-B1643
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