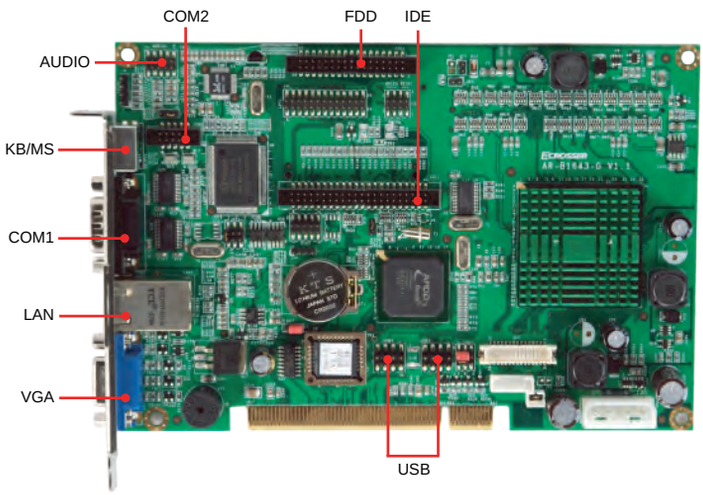
AR-B1643-G

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

ISA Half-Size



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

CE FC

AMD LX800 | CF

Industrial Computing

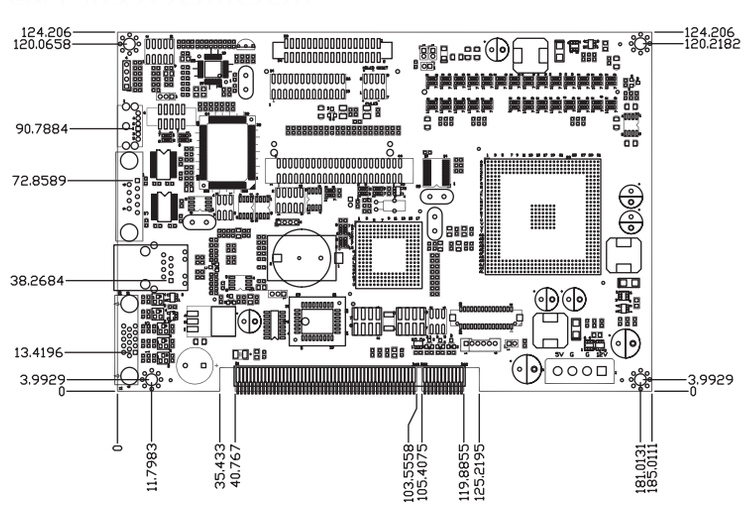
Specification

Specification	
CPU	AMD Geode LX 800 500MHz, 128KB L2 cache
Chipset	SB Geode CS5536
Front Side Bus	500MHz
Memory	1 x 200-pin SO-DIMM socket support 200MHz DDR SDRAM up to 1GB
Video	
Graphic Controller	AMD Geode LX 800 integrated graphic processor
Video Memory	-
Video Interface	• 1 x VGA (DB15) • 1 x 18-bit LVDS (Pin header)
Storage	
IDE	1 x IDE support ATA 33/66/100
SATA	-
CF	1 x Compact Flash Type I/II socket
SD	-
FDD	1 x Floopy disk drive 3.5"
Expansion Slot	-
Ethernet	1 x 100Mbps RJ45 with LED, Realtek RTL8100C
Serial Port	1 x RS-232 (DB9) 1 x RS-232/422/485 (Pin header)
USB	4 x USB2.0 (4 x Pin header)
GPIO	8-bit Digital I/O
Parallel Port	1 x LPT port support SPP, EPP and ECP mode
PS/2	1 x PS/2
Audio	Realtek ALC655
Hardware Feature	
Hardware Monitoring	• CPU voltage • CPU and system temperature • RTC battery voltage
WatchDog Timer	Software programmable 1~63 sec.
Power Requirement	
Power Input	12V (+/-5%) single voltage input
Mechanical & Environment	
Dimension	185mm x 122mm (7.28" x 4.80")
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

Software	
OS Support	Windows XP/XP Embedded/2000/CE, Linux

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

Ordering Information	
AR-B1643-G	1 x AR-B1643-G

Dimensions