



ECM-LX800W

AMD Geode Processor LX800 3.5" Micro Module
with AMD CS5536 Chipset

- > Onboard AMD Geode LX800 BGA Processor
- > AMD CS5536 Chipset
- > One 200-pin SODIMM up to 1 GB DDR SDRAM
- > Dual View, TFT, LVDS, 2-CH Audio
- > Dual Realtek RTL8101L LAN
- > ITE IT8888G PCI to ISA Bridge
- > 1 PC/104, 1 CF, 2 SATA, 4 COM, 4 USB, 16-bit GPIO
- > Fanless Operation

+ Spec

System	
Processor	AMD Geode LX800 1-Core 500MHz processor
System Chipset	AMD Geode LX800/CS5536
System Memory	1 x200-Pin DDR 333MHz SO-DIMM up to 1 GB or 1 x200-Pin DDR 400MHz SO-DIMM up to 1 GB
I/O Chip	Winbond W83627DHG-PT
BIOS	Award 4Mbit Flash BIOS
Watchdog Timer	H/W Reset: 1sec.~255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Expansion	
Expansion	1 xPC/104
Storage	
Storage	1 xCompactFlash Type III Socket
I/O	
USB	4 x USB 2.0
SATA	2 xSATA II
COM Port	1 xRS-232/422/485 3 xRS-232 1 x LPT
DIO	1 x16bit GPIO
MIO	1 xPS2/ KB & MS 1 xEIDE 1 xIrDA
Display	
Chipset	AMD Geode LX800 Integrated Graphics Supports dual display
Resolution	VGA:Max. resolution 1920x1440@ 85Hz LVDS:Max. resolution 1600x1200@ 85Hz CRT + LVDS, CRT + TTL Single channel 18/24-bit LVDS, support 18/24 bit TFT Panel
Audio	
Chipset	Realtek ALC203 supports 2-CH
Audio Interface	Mic-in, Line-in, Line-out,CD audio-in
Ethernet	
Chipset	2 xRealtek 8101L
Ethernet Interface	1000 Base-Tx Gigabit Ethernet Compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Power Requirement	+5V @ 1.97A, +12V @ 0.10A (with AMD Geode LX800 @ 0.9W 500MHz & 1GB DDR 333 SDRAM) * Note: +12V is for LVDS Inverter Only
Power Type	AT/ATX
Operating Temp	0°C ~ 60°C (32°F ~ 140°F)
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (L x W)	5.7" x 4" (146mm x 101mm)
Weight	0.44lbs (0.2kg)
Certifications	



Certification Information	CE FCC Class A
Software Support	
OS Information	Win XP Win 2000 Win CE

+ Ordering

ECM-LX800-18-A2R
3.5" LX800 W/PC104/18bit/4COM/Std.Temp/A2
ECM-LX800-24-A2R
3.5" LX800 W/PC104/24bit/4COM/Std Temp/A2

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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