



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



<b>Certification Information</b>	CE FCC Class A
<b>Software Support</b>	
<b>OS Information</b>	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

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