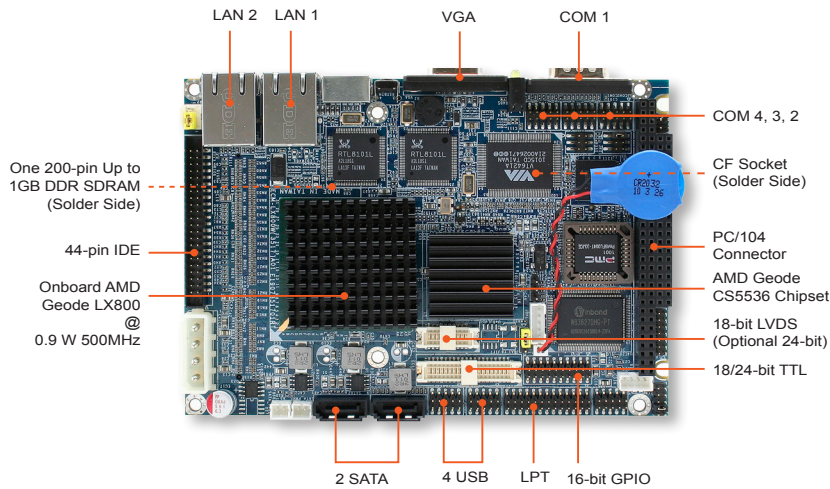




## Features

- Onboard AMD Geode LX800 @ 0.9W 500MHz with 128K L2 Cache CPU
- AMD Geode LX800/CS5536 Chipset
- One 200-pin SODIMM Up to 1GB DDR SDRAM
- Dual View, TFT, Single-channel 18-bit 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
- Wide Temperature: -40 ~ 85°C



## Specifications

### System

<b>CPU</b>	Onboard AMD Geode LX800 @ 0.9W 500MHz with 128K L2 Cache CPU
<b>BIOS</b>	Award 4Mbit Flash BIOS
<b>System Chipset</b>	AMD Geode LX800/CS5536
<b>I/O Chip</b>	Winbond W83627DHG-PT
<b>System Memory</b>	One 200-pin SODIMM Socket Supports Up to 1GB DDR 333/400 SDRAM
<b>SSD</b>	One CompactFlash Type I/II Socket
<b>Watchdog Timer</b>	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
<b>H/W Status Monitor</b>	Monitoring System Temperature and Voltage with Auto Throttling Control
<b>Expansion</b>	1 PC/104

### I/O

<b>MIO</b>	1 x EIDE (Ultra DMA 100), 2 x SATA, 1 x LPT, 3 x RS-232, 1 x RS-232/422/485, 1 x K/B & Mouse
<b>IrDA</b>	115k bps, IrDA 1.0 Compliant
<b>USB</b>	4 x USB 2.0
<b>DIO</b>	16-bit General Purpose I/O for DI and DO

### Display

<b>Chipset</b>	AMD Geode LX800 with Integrated Graphics Engine
<b>Display Memory</b>	8/16/32/64/128/254MB Frame Buffer Using System Memory
<b>Resolution</b>	CRT Mode: 1920 x 1440 @ 32bpp (85Hz) LCD/Simultaneous Mode: 1600 x 1200 @ 32bpp (85Hz)
<b>Multiple Display</b>	CRT + LVDS, CRT + TTL
<b>LCD Interface</b>	Supports 18/24-bit TFT Panel

### Audio

<b>AC97 Codec</b>	Realtek ALC203 Supports 2-CH Audio
<b>Audio Interface</b>	Mic-in, Line-in, CD Audio-in, Line-out

### Ethernet

<b>LAN</b>	Dual Realtek RTL8101L
<b>Ethernet Interface</b>	10/100 Base-Tx Fast Ethernet Compatible

### 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 Temperature</b>	-40 ~ 85°C (-40 ~ 185°F)
<b>Storage Temperature</b>	-40 ~ 85°C (-40 ~ 185°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Size (L x W)</b>	5.7" x 4" (146mm x 101mm)
<b>Weight</b>	0.44lbs (0.2kg)

## Ordering Information

### ECM-LX800W

3.5" AMD LX800 @ 0.9W 500MHz Micro Module with VGA, LVDS, Audio, Dual LAN, CF, PC/104, 2 SATA, 4 COM, 4 USB, 16-bit GPIO

### ACC-CF-xx

CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)

### ACC-MEM-xx

Memory Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1GB)