



Features

- Onboard AMD Geode LX800 @ 0.9W 500MHz CPU
- AMD Geode LX800/ CS5536 Chipset
- Onboard 256MB Memory (Optional Up to 512MB)
- LVDS, 2-CH Audio
- Dual Realtek RTL8101L LAN
- 1 CF, 1 PC/104, 2 COM, 2 USB, 8-bit GPIO
- Optional Built-in Touch Screen Interface
- Fanless Operation
- Wide Voltage: +10V~+28V

LX800 @ 0.9 W	Onboard Memory	LVDS	Dual LAN	PC/104
8 GPIO	Touch Screen	Fanless	Wide Voltage	

Specifications

System

• CPU	Onboard AMD Geode LX800 @ 0.9 W 500MHz CPU
• BIOS	Award 4Mbit Flash BIOS
• System Chipset	AMD Geode LX800/ CS5536
• I/O Chip	Winbond W83627HG-AW
• System Memory	Onboard 256MB DDR Memory, Optional 512MB
• SSD	One CompactFlash Type I/II Socket
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring System Temperature, Voltage with Auto Throttling Control
• Expansion	1 x PC/104

I/O

• MIO	1 x EIDE (Ultra DMA 100), 1 x RS-232, 1 x RS-232/ 422/ 485, 1 x KB & Mouse, 1 x LPT
• IrDA	115Kbps, IrDA 1.0 Compliant
• USB	2 x USB 2.0
• DIO	8-bit General Purpose I/O for DI and DO

Display

• Chipset	AMD Geode LX800 Integrated
• Display Memory	8/ 16/ 32/ 64/ 128/ 256MB Frame Buffer Using System Memory
• Resolution	CRT Mode: 1920 x 1440 @ 32bpp (85Hz) TFT: 1600 x 1200 @ 16bpp (60Hz)
• Multiple Display	CRT + LVDS, CRT + TTL
• VGA/LCD Interface	Support 18/ 24-bit CRT+TFT Panel
• LVDS	Single-channel 18-bit LVDS Optional 24-bit

Built-in Touch Screen (Optional)

• Chipset	PenMount 6000
• Touch Screen Interface	With 9-pin 2mm Box Header (Can be Selected to Support 4/ 5/ 8-wire Touch Screen)

Audio

• AC97 Codec	Realtek ALC203 Supports 2-CH Audio
• Audio Interface	Mic-in, Line-in, Audio-in, Line-out

Ethernet

• LAN	Dual Realtek RTL8101L
• Ethernet Interface	10/ 100 Base-Tx Fast Ethernet Compatible

Mechanical & Environmental

• Power Requirement	+10V ~ +28V
• Power Type	AT/ ATX
• Operating Temperature	0 ~ 60°C (32 ~ 140°F)
• Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
• Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	5.7" x 4" (146mm x 101mm)
• Weight	0.44lbs (0.2kg)

Ordering Information

• ECM-LX800D

AMD Geode LX800 3.5" Micro Module with AMD Geode LX800 + CS5536 Chipset and LVDS, Audio, Dual LAN, CF, PC/104, 2 COM, 2 USB, 8-bit GPIO

• ACC-CF-xx

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