



### Features

- Onboard AMD Geode LX800 @ 0.9 W 500 MHz CPU
- AMD Geode LX800 / CS5536 Chipset
- Onboard 256 MB Memory (Optional up to 512 MB)
- 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 500 MHz CPU
• BIOS	Award 4 Mbit 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: 1 sec.~255 min. and 1 sec. or 1 min./step
• H/W Status Monitor	Monitoring system temperature, voltage with auto throttling control
• Expansion	1 PC/104

#### I/O

• MIO	1 x EIDE (Ultra DMA 100), 1 x RS-232, 1 x RS-232/422/485, 1 x K/B & Mouse, 1 x LPT
• IrDA	115k bps, IrDA 1.0 compliant
• USB	2 x USB 2.0
• DIO	8-bit GPIO

#### Display

• Chipset	AMD Geode LX800 Integrated
• Display Memory	8/16/32/64/128/254 MB frame buffer using system memory
• Resolution	CRT mode: 1920 x 1440 @ 32 bpp (85 Hz) TFT: 1600 x 1200 @ 16 bpp (60 Hz)
• 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	100 Base-Tx Fast Ethernet compatible

#### Mechanical & Environmental

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

### Ordering Information

- **ECM-LX800D**  
3.5" AMD LX800 @ 0.9 W 500 MHz Micro Module with 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, 512 MB, 1, 2, 4 GB)