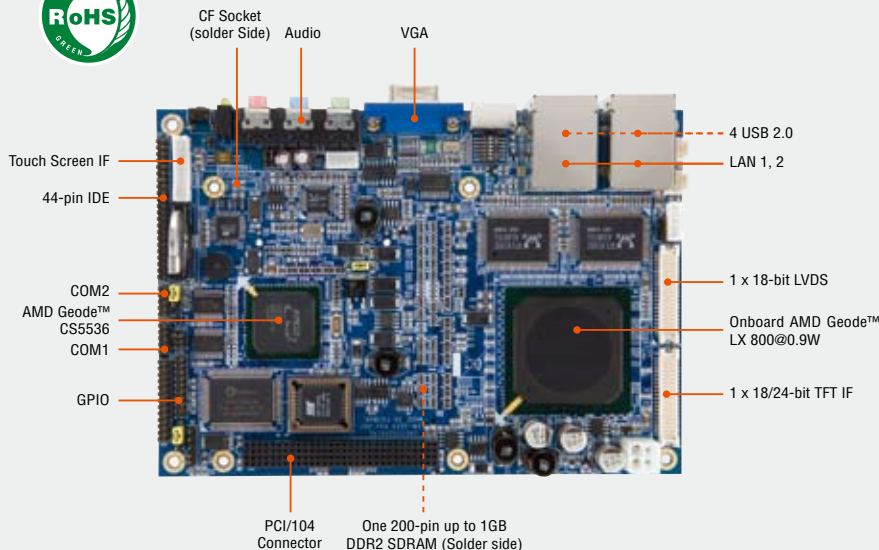




EPI-LX800 AMD Geode LX800 @ 0.9 W EPIC Module



Features

- Onboard AMD Geode LX800 @ 0.9 W 500 MHz with 128K L2 Cache CPU
- AMD Geode CS5536 Chipset
- One SODIMM up to 1 GB DDR SDRAM
- TFT, LVDS & Dual View
- AC97 2-CH Audio
- Dual Realtek RTL8100C 10/100Mbps LAN
- Optional Realtek RTL8110S Gigabit LAN
- 1 PCI/104, Type I/II CF
- 2 COM, 4 USB 2.0, 16-bit GPIO
- Single +12 V Power Input



EPIC Modules

Specifications

System

• CPU	Onboard AMD Geode LX800 @ 0.9 W 500 MHz with 128K L2 cache
• BIOS	Award 512 KB Flash BIOS
• System Chipset	AMD Geode LX800/CS5536
• I/O Chip	Winbond W83627HG-AW
• System Memory	One 200-pin SODIMM socket supports up to 1 GB DDR 266/333/400 SDRAM
• SSD	One CompactFlash Type I/II socket
• Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
• Expansion	One PCI/104 connector

I/O

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

Display

• Chipset	AMD Geode LX800 with integrated graphics engine
• 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 mode: 1600 x 1200 @ 32 bpp (60Hz)
• Multiple Display	CRT + LVDS
• VGA/LCD Interface	Supports 18/24-bit TFT panel
• LVDS	Single channel 18-bit LVDS

Built-in Touch Screen (Optional)

• Chipset	PenMount DMC9000
• Touch Screen Interface	With 9 pin 2 mm 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, CD audio in, Line out

Ethernet

• LAN 1	Realtek RTL8100C
• LAN 2	Realtek RTL8100C Optional Realtek RTL8110S Gigabit LAN
• Ethernet Interface	100Base-Tx Fast Ethernet compatible: Realtek RTL8100C 1000Base-T Fast Ethernet compatible: Realtek RTL8110S

Mechanical & Environmental

• Power Consumption	+12 V @ 0.91 A (with AMD LX800 500 MHz & 512 MB DDR SDRAM)
• Power Type	ATX
• Operating Temperature	0~60°C (32~140°F)
• Operating Humidity	0%~90% relative humidity, non-condensing
• Size (L x W)	4.5" x 6.5" (115 mm x 165 mm)
• Weight	0.51 lbs (0.23 kg)

Ordering Information

- **EPI-LX800**
AMD Geode LX800 @ 0.9 W EPIC Module with TFT, LVDS, Audio, LAN, CF, PCI/104, 2 COM, 4 USB 2.0 & GPIO
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4 GB)