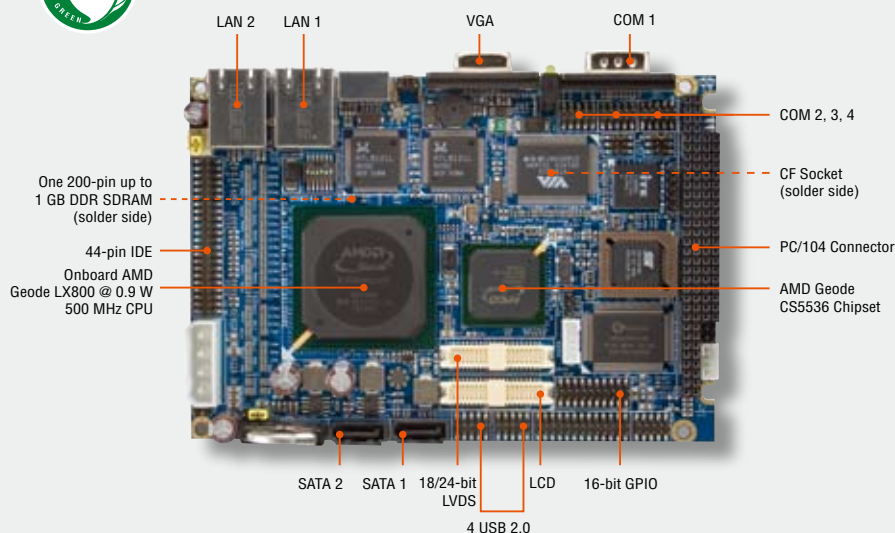


ECM-LX800

3.5" AMD LX800 @ 0.9 W Micro Module



Features

- Onboard AMD Geode LX800 @ 0.9 W 500 MHz with 128K L2 Cache CPU
- One SODIMM up to 1 GB DDR SDRAM
- TFT, LVDS, Dual View, 2-CH Audio
- Dual Realtek RTL8101L 10/100 Mbps LAN
- ITE IT8888G PCI to ISA Bridge
- 1 PC/104, 1 Type I/II CF
- 4 COM, 4 USB 2.0, 16-bit GPIO
- Fanless Operation



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 333/400 SDRAM |
| • 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, and cooling fan status. Auto throttling control when CPU overheats |
| • Expansion | 1 PC/104 connector |

I/O

| | |
|--------|--|
| • MIO | 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 |
| • 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) LCD / Simultaneous mode: 1600 x 1200 @ 32 bpp (85 Hz) |
| • Multiple Display | CRT + LVDS |
| • VGA/LCD Interface | Supports 18/24-bit TFT Panel |
| • LVDS | Single channel 18/24-bit LVDS |

Audio

| | |
|-------------------|--|
| • AC97 Codec | Realtek ALC203 supports 2-CH Audio |
| • Audio Interface | Mic in, Line in, CD Audio in, Line out |

Ethernet

| | |
|----------------------|---|
| • LAN | Dual Realtek RTL8101L |
| • Ethernet Interface | 100Base-Tx Fast Ethernet compatible: Realtek RTL8101L |

Mechanical & Environmental

| | |
|-------------------------|--|
| • Power Requirement | +5 V @ 1.97 A, +12 V @ 0.10 A (with AMD Geode LX800 @ 0.9 W 500 MHz & 1 GB DDR333 SDRAM) |
| • 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-LX800**
3.5" AMD LX800 @ 0.9 W 500 MHz Micro Module with VGA, LVDS, Audio, Dual LAN, CF, PC/104, 2 SATA, 4 COM, 4 USB 2.0, GPIO
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4 GB)
- **ACC-MEM-xx**
Memory Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1 GB)