



ETM-LX800 ECM-1342

AMD Geode LX800 @ 0.9 W PC/104+ CPU Module STPC Atlas PC/104 CPU Module

ETM-LX800



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
- 18/24-bit TFT
- Realtek RTL8110S GigaLAN
- 1 PCI-104, 1 PC/104
- 2 COM, 4 USB 2.0

System

• CPU	Onboard AMD Geode LX800 @ 0.9 W 500 MHz with 128K L2 Cache
• BIOS	Award 512 KB Flash BIOS
• 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
• Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
• H/W Status Monitor	Monitoring CPU temperature, voltage
• Expansion	1 PCI-104, 1 PC/104

I/O

• MIO	1 x EIDE (ATA-5), 1 x LPT, 2 x RS-232, 1 x K/B, 1 x Mouse
• IrDA	115k bps, IrDA 1.0 compliant
• USB	4 x USB 2.0 ports

Display

• Chipset	AMD Geode LX800 with integrated graphics engine
• Display Memory	8/16/32/64/128/254 MB frame buffer using system memory
• LCD Interface	Supports 18/24-bit TFT panel

Audio

• Chipset	AMD Geode CS5536
• AC97 Codec	Realtek ALC203 supports 2-CH Audio
• Audio Interface	Mic in, Line in CD Audio in Line out

Ethernet

• LAN	Realtek RTL8110S
• Ethernet Interface	1000Base-Tx Gigabit Ethernet compatible

Mechanical & Environmental

• Power Requirement	+5 V @ 1.54 A (with onboard AMD Geode LX800 500 MHz & 1 GB DDR 333 SDRAM)
• Power Type	AT
• Size (L x W)	3.8" x 4.5" (96 mm x 114 mm)
• Weight	0.44 lbs (0.2 kg)

Ordering Information

- **ETM-LX800**
AMD Geode LX800 @ 0.9 W PC/104+ CPU Module with VGA, GigaLAN, PCI-104, PC/104, 2 COM, 4 USB 2.0
- **ACC-MEM-xx**
Memory Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1 GB)

ECM-1342



Features

- Onboard STPC Atlas 133 MHz SoC
- STPC Atlas Chipset
- 32 MB SDRAM Onboard
- TFT, Realtek RTL8101L 10/100Mbps LAN
- 1 PC/104, 1 Type I/II CF
- 2 COM, 2 USB 1.1, 16-bit GPIO
- Fanless Operation

System

• CPU	Onboard STPC Atlas 133 MHz
• BIOS	Award 256 KB Flash BIOS
• Chipset	STPC Atlas / Winbond W83977G-A
• System Memory	32 MB SDRAM onboard
• SSD	One CompactFlash Type I/II socket
• Watchdog Timer	Reset: 16 sec.~127 min. and 30 sec./step
• Expansion	1 PC/104

I/O

• MIO	1 x EIDE (PIO mode 4), 2 x FDD, 1 x LPT, 1 x RS-232, 1 x RS-232/422/485, 1 x K/B, 1 x Mouse
• IrDA	115k bps, IrDA 1.0 compliant
• DIO	16-bit General Purpose I/O for DI and DO
• USB	2 x USB 1.1 ports

Display

• Chipset	STPC Atlas
• Display Memory	1/2/4 MB frame buffer using system memory
• LCD Interface	PCI bus VGA / LCD interface Supports 9/12/18-bit TFT panels

Ethernet

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

Mechanical & Environmental

• Power Consumption	+5 V @ 1.9 A, +12 V @ 0.14 A (with STPC Atlas 133 MHz & 32 MB DDR SDRAM)
• Power Type	AT
• Size (L x W)	3.8" x 3.5" (96 mm x 90 mm)
• Weight	0.44 lbs (0.2 kg)

Ordering Information

- **ECM-1342**
STPC Atlas 133 MHz PC/104 CPU Module with Heatsink, VGA, LCD, LAN, CF, PC/104, 2 COM, 2 USB 1.1, GPIO
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4 GB)