



Features

Onboard AMD Geode LX800 @ 0.9W 500MHz with 128K L2 Cache CPU

AMD Geode LX800/ CS5536 Chipset

One 200-pin SODIMM Up to 1GB DDR 333/ 400 SDRAM

TFT, 2-CH Audio

Realtek RTL8110S Gigabit Ethernet

1 PCI-104, 1 PC/104, 2 COM, 4 USB



Specifications

System

• CPU	Onboard AMD Geode LX800 @ 0.9W 500MHz with 128K L2 Cache
• BIOS	Award 4 Mbit Flash BIOS
• System Chipset	AMD Geode LX800/ CS5536
• I/O Chip	Winbond W83627HG-AW
• System Memory	One 200-pin SODIMM Socket Supports Up to 1GB DDR 333/ 400 SDRAM
• Watchdog Timer	Reset: 1sec.~255min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring CPU Temperature, Voltage
• Expansion	1 x PCI-104, 1 x PC/104

I/O

• MIO	1 x EIDE (ATA-5), 1 x LPT, 2 x RS-232, 1 x KB, 1 x Mouse
• IrDA	115Kbps, IrDA 1.0 Compliant
• USB	4 x USB 2.0

Display

• Chipset	AMD Geode LX800 with Integrated Graphics Engine
• Display Memory	8/ 16/ 32/ 64/ 128/ 254MB 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	1000 Base-Tx Gigabit Ethernet Compatible

Mechanical & Environmental

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

Ordering Information

• ETM-LX800

AMD Geode LX800 PC/104+ CPU Module with AMD Geode LX800 + CS5536 Chipset and VGA, Gigabit Ethernet, PCI-104, PC/104, 2 COM, 4 USB

• ACC-MEM-xx

Memory Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1GB)