

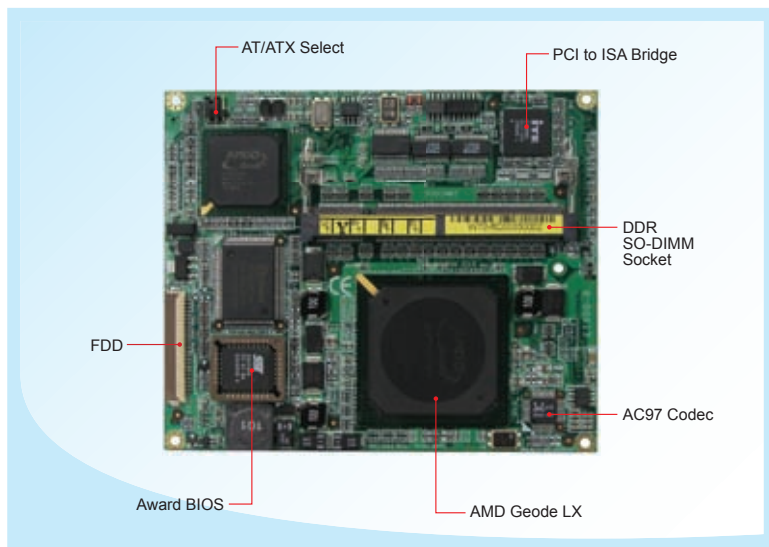
ETX & COM Express

ET500



AMD Geode LX ETX CPU Module w/ AMD CS5536 Chipset

Geode LX Based



>> Features

- Embedded AMD Geode LX processor, 433MHz (LX700 / 500MHz (LX800))
- DDR SO-DIMM x1, Max. 1GB
- Realtek RTL8100CL 10/100 BaseT Ethernet
- Integrated LX800/LX700 2D VGA controller, supports CRT and LVDS
- 4 x USB 2.0 ports, 2 x COM, slim FDD, PCI to ISA bridge
- Watchdog timer, hardware monitoring

System

CPU	AMD Geode LX (LX800 @500MHz, LX700 @433MHz)
System Memory	DDR SO-DIMM x 1, Max. 1GB
System Chipset	AMD CS5536 chipset, 400/533MHz FSB
BIOS	Award 4Mbit
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	On baseboard

Graphics

VGA Controller	LX800/LX700 built-in 2D graphics controller Supports CRT display
VGA Memory	Shared memory Max. 64MB
LCD Interface	TI SN75LVDS83 18-bit LVDS (single channel) via baseboard

Ethernet

LAN Controller	Realtek RTL8100CL-LF 10/100Mbps
Connector	On baseboard

Multi I/O

Chipset	AMD CS5536 + Winbond W83627HG 1x IDE (UDMA33/66/100), 1x FDD, 1x KB/Mouse, 2x RS-232, 1x LPT
USB	4 ports (USB 2.0)
Audio	Built-in audio + AC97 codec
Others	ITE IT8888G PCI to ISA bridge (w/o ISA master & PnP) Slim FDD connector on board

Mechanical and Environmental

Dimensions	95mm x 114mm (3.74" x 4.49")
Max. Power Requirement	AMD Geode LX800 500MHz w/ 512MB DDR +5V: 1.86A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-68°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

ET500-R	AMD Geode LX700, 433MHz, ETX CPU module w/ audio, VGA and 10/100 Ethernet
ET500F-R	AMD Geode LX800, 500MHz, ETX CPU module w/ audio, VGA and 10/100 Ethernet

Remarks:

* The AMD Geode LX800 @0.9W processor operates at a maximum power of 3.6W (TDP), while the AMD Geode LX700 @0.8W consumes a maximum power of 3.1W.