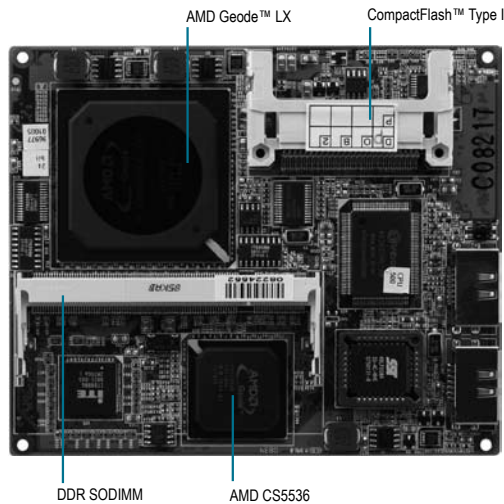


# ETX-701

## ETX CPU Module with AMD Geode™ LX Series Processors



### Features

- Onboard AMD Geode™ LX Series Processor
- AMD CS5536
- DDR 333/400 Memory, Max 1GB
- 10/100Base-TX Ethernet
- CRT/ Up to 24-bit LVDS LCD/ TTL LCD
- AC97 2.3 Codec 2CH Audio
- PATA x 2, SATA II x 2 (on Module), CompactFlash™ Type I Slot x 1 (On Module)
- USB2.0 x 4, COM x 2
- +5V Only Operation



### Specifications

System	
Form Factor	ETX
Processor	Onboard AMD Geode™ LX series processor LX700: 433MHz LX800: 500MHz (Default) LX900: 600MHz
System Memory	200-pin DDR SODIMM x 1, Max. 1GB (DDR333 up to 1GB; DDR400 up to 512MB)
Chipset	AMD Geode™ LX + CS5536
I/O Chipset	Winbond W83627HG
Ethernet	Realtek RTL8139DL (Default)/ Intel® 82551QM, 10/100Base-TX
BIOS	Award
EEPROM	Microchip 24LC552-I/SN, save BIOS and configuration data
Wake on LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages, fan speed and temperature monitoring
Expansion Interface	32-bit PCI x 4 8-bit/ 16-bit ISA SMBus x 1 I2C x 1
Power Requirement	+5V DC
Power Consumption (Typical)	LX800, DDR333 1GB 0.25A@+12V, 2.02A@+5V w/TF-ECB-901A-A10-01
Board Size	4.5" (L) x 3.75" (W) (114mm x 95mm)
Gross Weight	0.66 lb (0.3Kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF	127,000
Display	
	Supports CRT/LCD Simultaneous Display
Chipset	AMD LX processor integrated
Memory	Shared system memory up to 254MB
Resolutions	Up to 1920 x 1440 @ 32bpp at 85Hz for CRT Up to 1600 x 1200 @ 32bpp at 100Hz for CRT Up to 1600 x 1200 @ 32bpp at 60Hz for LCD
LCD Interface	18-bit/ 24-bit TTL (TF-ETX-701-A10) 18-bit single-channel LVDS (TF-ETX-701-A10-01) 24-bit single-channel LVDS (TF-ETX-701-A10-02)
I/O	
Storage	PATA x 2 (four devices), SATA II x 2 (on module), CompactFlash™ Type I slot x 1 (on module)
Serial Port	2
Parallel Port	1
USB	USB 2.0 x 4
PS/2 Port	Keyboard x 1, Mouse x 1
IrDA	One IrDA Tx/Rx header
Audio	Mic-in, Line-in, Line-out

### Packing List

- Utility CD
- ETX-701

### Ordering Information

- **TF-ETX-701-A10:**  
ETX Board, AMD LX800, 24-bit TTL, DDR, LAN, Audio, 2COM, USB2.0, CompactFlash™, SATA, Rev. A1.0
- **TF-ETX-701-A10-01:**  
ETX Board, AMD LX800, 18-bit LVDS, DDR, LAN, Audio, 2COM, USB2.0, CompactFlash™, SATA, Rev. A1.0
- **TF-ETX-701-A10-02:**  
ETX Board, AMD LX800, 24-bit LVDS, DDR, LAN, Audio, 2COM, USB2.0, CompactFlash™, SATA, Rev. A1.0

### Optional Accessories

- **TF-ECB-901A-A10-01**  
ETX Carrier Board, LAN, Audio, 3 COM, USB, PCI, ISA, AT/ATX, Rev.A1.0
- **TF-PER-A036**  
Passive Heatsink, for ETX-700/ ETX-701