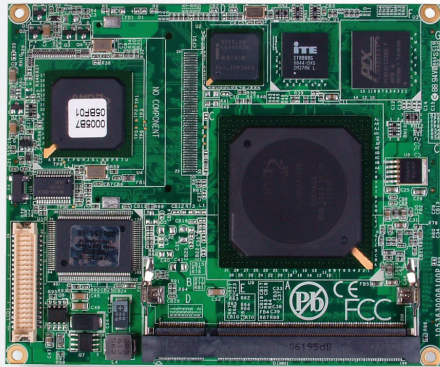


# EmETX-a5363

Low Power AMD Geode™ LX800 ETX CPU Module with CRT/LCD, Audio and LAN



## ◀ New!! ETX

### Features

- Fanless Low Power ETX Core Module
- AMD Geode™ LX800 Processor
- 1 x 200-pin DDR SO-DIMM up to 1GB SDRAM
- Support CRT, 24 bit TTL and 18 bit LVDS
- 1 x 10/100 Base-T Ethernet
- 4 x USB 2.0 Ports, 2 x Serial Ports
- Onboard CF Socket (Optional)
- Operating Temp.: -20 ~ 70°C

### System

<b>CPU</b>	AMD Geode™ LX800 CPU
<b>Cache</b>	64k L1 cache and 128K L2 cache
<b>Memory</b>	1 x 200-pin DDR SO-DIMM up to 1GB SDRAM
<b>Chipset</b>	AMD LX800 + CS5536
<b>BIOS</b>	Phoenix-Award PnP Flash BIOS
<b>ATA/IDE</b>	1 x Ultra DMA 66/100, support 2 IDE drives
<b>Flash Disk</b>	1 x CompactFlash Type II Socket up to 4GB
<b>Watchdog Timer</b>	255-level Reset

### I/O

<b>Serial Port</b>	2 x RS-232 ports
<b>Parallel Port</b>	SPP/EPP/ECP mode
<b>Floppy</b>	Support Floppy Disk drive share with LPT port
<b>USB Port</b>	4 x USB 2.0 compliant

### Ethernet

<b>Chipset</b>	Intel 82551QM 10/100 base-T Ethernet
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### Audio

<b>Codec/Interface</b>	ALC203 AC'97 Codec, support Mic-in/Line-in/Line-out
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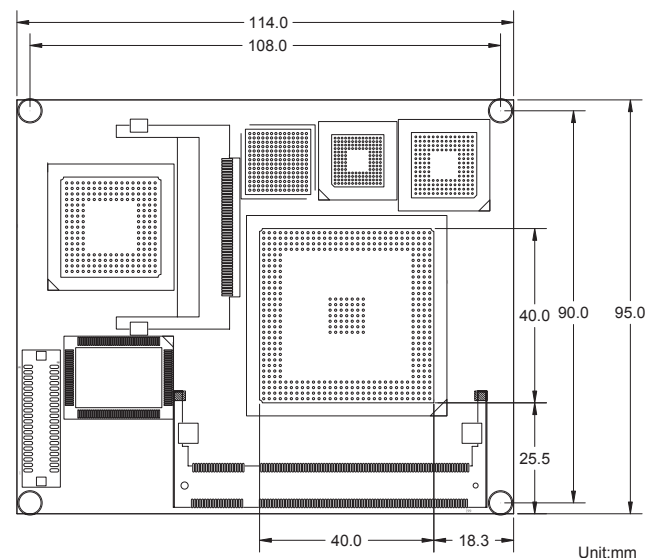
### Display

<b>Graphics Chipset</b>	AMD Geode LX800 integrated VGA controller with 2D Engine (Shared memory Max. 64MB)
<b>Graphics Interface</b>	LCD Support 24 bit TTL/18 bit LVDS up to 1600 x 1200 (60Hz)

### Mechanical & Environmental

<b>Power Consumption</b>	5V/3.32A Max.
<b>Operating Temp.</b>	-20 ~ 70°C (-4 ~ 158°F)
<b>Operating Humidity</b>	0 ~ 90% (non-condensing)
<b>Dimension (L x W)</b>	114 x 95 mm (4.5" x 3.7")

### Dimensions



### Ordering Information

<b>EmETX-a5363VL/ LX800</b>	AMD Geode™ LX800 (500MHz) ETX CPU module with CRT/LCD, Audio and LAN	
<b>EmETX-a5363VL/ LX800 w/CF (Optional)</b>	AMD Geode™ LX800 (500MHz) ETX CPU module with CRT/LCD, Audio, CF socket and LAN	
<b>PBE-1000</b>	ETX evaluation board in ATX form factor	Page 1-11
<b>Heatsink</b>	HS-5363-W1	Page 5-4
	HS-5363-F1	Page 5-4