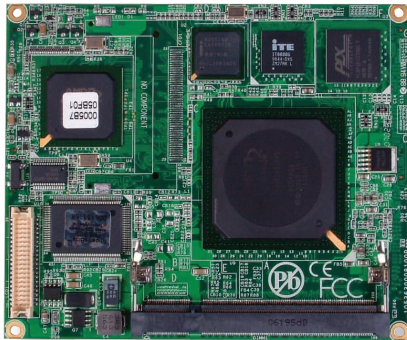




EmETX-a5363

AMD® Geode™ LX800 ETX® CPU Module



ETX

Features

- **Fanless Design**
- Soldered Onboard AMD® Geode™ LX800 Processor
- 24-bit TTL and 18-bit LVDS for LCD, and Analog RGB
- Support Analog RGB output, LVDS and TTL interface for LCD
- Multi-expansion (4 x USB, 1 x PATA, 2 x Serial Ports, 4 x PCI Masters, ISA Bus, and Optionally 1 x CF Socket)
- **Extended Operating Temp.: -20 ~ 70°C**

System

CPU	AMD® Geode™ LX800 CPU
Memory	1 x 200-pin DDR SO-DIMM Socket supporting 200MHz SDRAM up to 1GB
Chipset	AMD® LX800 + CS5536
BIOS	Phoenix-Award PnP Flash BIOS
Storage	1 x Ultra ATA, support 2 IDE devices
	1 x CompactFlash Type II Socket (Optional)
	1 x Floppy disk drive shared with parallel port
Watchdog Timer	1~255 levels reset

I/O

I/O Chip	Winbond W83627HG
Serial Port	2 x COM ports (1 x RS-232, 1 x RS-232/422/485 selectable via PBE-1000)
Parallel Port	SPP/EPP/ECP mode
USB Port	4 x USB 2.0 ports
KB/MS	PS/2 interface for Keyboard and Mouse (via PBE-1000)
Expansion Bus	PCI and ISA bus (4 x PCI masters)

Ethernet

Chipset	Intel® 82551QM PCI 10/100Base-T Ethernet controller
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Audio

CODEC/Interface	Realtek ALC203 AC97 Audio CODEC, Mic-in/Line-in/Line-out
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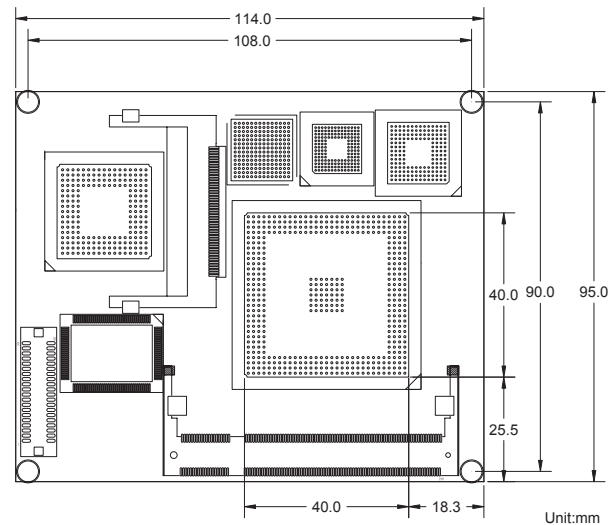
Display

Graphics Chipset	AMD® Geode™ LX800 integrated VGA controller with 2D Engine (Shared memory Max. 64MB)
Graphics Interface	LCD: 24-bit TTL 18-bit LVDS up to 1600 x 1200 (60Hz)

Mechanical & Environmental

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

Dimensions



Ordering Information

EmETX-a5363VL/LX800	AMD® Geode™ LX800 ETX® CPU module
EmETX-a5363VL/LX800 w/CF	AMD® Geode™ LX800 ETX® CPU module with CompactFlash Type II Socket
HS-5363-W1	Heatsink wave type (116 x 98 x 31 mm)
HS-5363-F1	Heat spreader (114 x 96 x 10 mm)
PBE-1000 R2.1	ETX® evaluation board in ATX form factor Page 1-20
CBK-05-1000-00	Cable kit
	1 x FDD cable
	3 x COM port cables
	1 x USB cable
	2 x IDE cables
	1 x TV-out cable

All specifications are subject to change without notice.