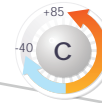


# ETX-620E

Wide Range Operating Temperature AMD® Geode™ LX800 ETX CPU Module



# ETX



## Features

- Fanless Design
- Soldered Onboard AMD® Geode™ LX800 Processor
- Multi-expansion (4 x USB, 1 x PATA, 2 x Serial Ports, 4 x PCI Masters, ISA Bus, and 1 x CF Socket)
- **Wide Range Operating Temp.: -40 ~ 85°C**

## System

<b>CPU</b>	Soldered onboard AMD® Geode™ LX800 500MHz processor
<b>Memory</b>	1 x 200-pin DDR SO-DIMM Socket supporting 200MHz SDRAM up to 1GB
<b>Chipset</b>	AMD® Geode™ CS5536
<b>BIOS</b>	Phoenix-Award PnP Flash BIOS
<b>Storage</b>	1 x Ultra ATA, support 2 IDE devices 1 x CompactFlash Type II Socket
<b>Watchdog Timer</b>	1~255 levels reset

## I/O

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

## Ethernet

<b>Chipset</b>	1 x Realtek 8100CL PCI 10/100Base-T Ethernet controller
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## Audio

<b>CODEC/Interface</b>	Realtek ALC203 AC97 Audio Codec, support Mic-in/Line-in/Line-out
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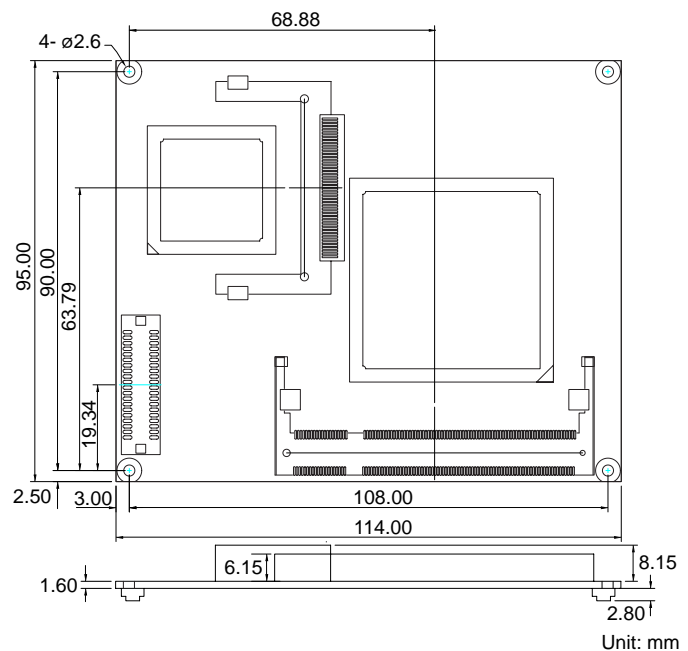
## Display

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

## Mechanical & Environmental

<b>Power Requirement</b>	+5V, 5VSB
<b>Power Consumption</b>	1.85A/5V
<b>Operating Temp.</b>	-40 ~ 85°C (-40 ~ 185°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>ETX-620E</b>	AMD® Geode™ LX800 ETX CPU module with CompactFlash Type II Socket
<b>HS-5363-W1</b>	Heatsink wave type (116 x 100 x 20 mm)
<b>HS-5363-F1</b>	Heat spreader (114 x 96 x 9.2 mm)
<b>PBE-1000 R2.1</b>	ETX evaluation board in ATX form factor
<b>CBK-05-1000-00</b>	Cable kit 1 x FDD cable 3 x COM port cables 1 x USB cable 2 x IDE cables 1 x TV-out cable