

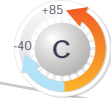
EmModule-621E

Wide Range Operating Temperature AMD® Geode™ LX800 PC/104 CPU Module



Features

- Fanless Design
- Low Power PC/104 CPU Module
- AMD® Geode™ LX800 Processor
- 18/24-bit TTL, and Analog RGB
- Multi-expansion (2 x USB, 2 x Serial Ports, 1 x PATA, 1 x FDD, PC/104, 1 x CF Socket)
- **Wide Range Operating Temp.: -40 ~ 85°C**



System

CPU	AMD® Geode™ LX800 500MHz processor
Memory	1 x 200-pin DDR SO-DIMM Socket supporting 200MHz SDRAM up to 1GB
Chipset	AMD® Geode™ CS5536
BIOS	Phoenix-Award PnP Flash BIOS
Storage	1 x Ultra ATA, supports 2 IDE devices 1 x CompactFlash Type II Socket
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)
Parallel Port	SPP/EPP/ECP mode selectable
USB Port	4x USB 2.0 ports
KB/MS	One 1 x 6-pin wafer connector for PS/2 interface keyboard and mouse
Expansion Bus	PC/104 interface

Ethernet

Chipset	1 x Realtek RTL8100CL PCI 10/100Base-T Ethernet controller
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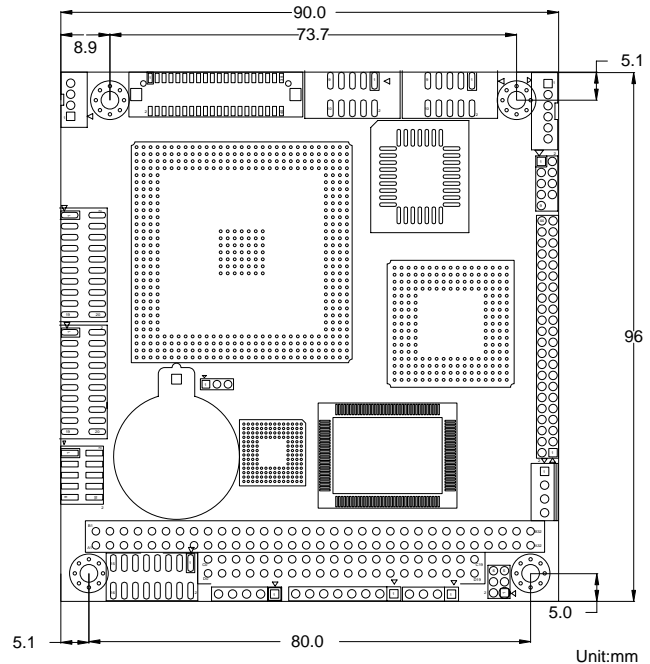
Display

Graphics Chipset	AMD® Geode™ LX800 CPU integrated VGA controller with 2D Engine (shared memory Max. 64MB)
Graphics Interface	LCD: 18/24-bit TTL up to 1280 x 1024

Mechanical & Environmental

Power Requirement	Small 4P AT power connector
Power Consumption	1.99A/5V
Operating Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	96 x 90 mm (3.8" x 3.5")

Dimensions



Ordering Information

EmModule-621E	AMD® Geode™ LX800 PC/104 CPU Module	
	Cable kit	
	1 x IDE cable	1 x KB & MS cable
	1 x USB cable	1 x VGA cable
	2 x COM port cables	1 x FDD cable
CBK-09-5362-00	1 x LPT cable	1 x Ethernet cable