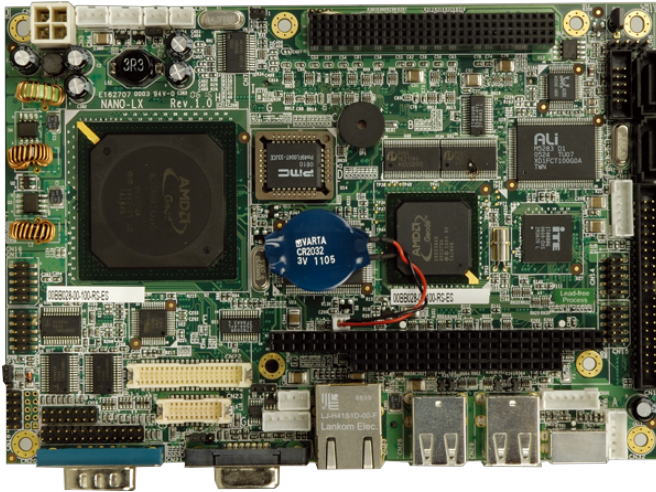


# NANO-LX-800

EPIC SBC with AMD LX800 CPU



## Features

- » EPIC form factor AMD LX800 processor embedded board with RoHS compliant
- » DDR 400 MHz SO-DIMM SDRAM up to 1 GB
- » VGA, 24-bit TTL, and 18-bit single-channel LVDS
- » SATA RAID 0, 1, JBOD function support
- » Complete I/O support with two SATA, IDE, PC/104-Plus and four USB 2.0
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

System	
CPU	AMD Geode™ LX800 (500 MHz) processor
Chipset	AMD Geode LX800 + AMD CS5536
Memory	One 200-pin 400/333 MHz DDR SDRAM SO-DIMM
Memory Max.	1GB
Physical Characteristics	
Dimensions (LxWxH) (mm)	115 X 165
Net Weight	350g
Storage	
Storage	Description: 1 X IDE
	2 x SATA VIA VT6421A RAID 0,1 function support
	1 x CF Type II Card
I/O Interface	
Display Output	1 x VGA :up to 1920x1440@60Hz
	1 x TTL :24-bit single-channel (up to 1600x1200@60Hz)
	1 x LVDS :18-bit single-channel (up to 1280x1024@60Hz)
Ethernet	1 x LAN :10/100Mbps Realtek RTL8100C
Audio	Description: Realtek ALC203 with AC'97 codec
I/O Interface	1 x External RS-232
	5 x Internal RS-232
	1 x Internal RS-232/422/485
	4 x External USB 2.0
	4 x Internal USB 2.0
	1 x PS/2
	1 x LPT
Power	
Power Consumption	12V@0.92A (AMD LX800 with 400 MHz 256MB DDR RAM)
Power Supply	12V only DC input
	1 x Internal power connector (2x2 pin)
	support AT/ATX mode
Environment	
Storage Temperature	0°C ~ 60°C
Operating Shock	-10°C ~ 70°C

Humidity	5% ~ 95%, non-condensing
Certifications	
Safety & EMC	CE/FCC compliant

## Ordering Information

NANO-LX-800-R12	EPIC SBC,AMD LX800 500MHz Processor,VGA/LVDS/TTL,LAN,SATA and Audio,RoHS
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## Packing List

1 x NANO-LX single board computer	2 x RS-232 port cable	1 x Audio cable
2 x SATA cable		1 x IDE flat cable 44p/44p
1 x KB/MS Y cable		1 x Mini iumper pack
1 x QIG		1 x Power cable
		1 x SATA power cable