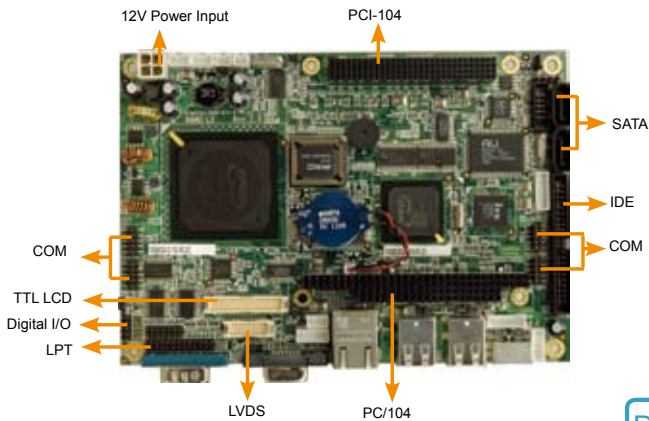
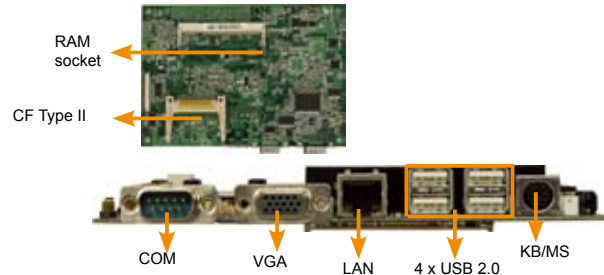


# epic NANO-LX-R11

EPIC SBC with AMD® LX800 CPU, Audio, VGA/  
LVDS, SATA and RAID 0, 1, JBOD Function Support



## Solder Side



DDR400

12V Only

Fanless

SERIAL ATA

USB

Windows Embedded

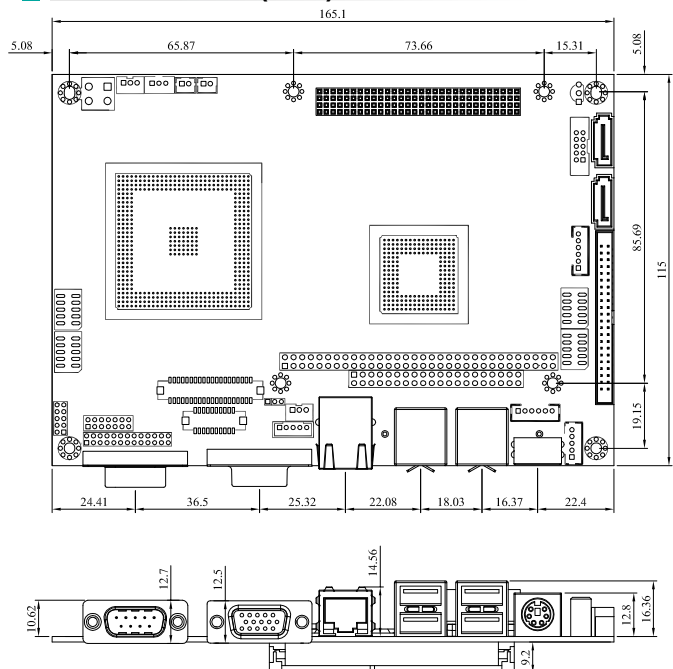
## Specifications

- ◆ CPU  
On board AMD® Geode™ LX800(500MHz) processor
- ◆ System Chipsets  
AMD® Geode LX800 +AMD® CS5536
- ◆ BIOS  
AWARD
- ◆ System Memory  
One 200-pin 400/333MHz DDR SDRAM SO-DIMM Supported (System max. 1GB)
- ◆ Ethernet  
10/100Mbps Realtek RTL8100C chipset
- ◆ I/O Interface  
4 x USB 2.0  
2 x SATA with ALI M5283 RAID 0,1 function support  
1 x CF Type II  
1 x LPT  
6 x RS-232  
1 x RS-422/485  
1 x PS/2 for KB/MS  
1 x IDE
- ◆ Expansions  
1 x PC/104-Plus
- ◆ Audio  
Realtek ALC203 with AC'97 Codec
- ◆ Infrared Interface  
1 x Infrared Interface by pin header
- ◆ Digital I/O  
8-bit digital I/O, 4 input/ 4 output by super I/O
- ◆ Super I/O  
W83627EHG
- ◆ Display Interface  
VGA integrated in AMD® LX800  
24-bit single channel TTL  
18-bit single channel LVDS
- ◆ Watchdog Timer  
Software programmable supports 1-255 sec. system reset
- ◆ Power Supply  
12V only, AT/ATX support
- ◆ Power Consumption  
12V@ 0.92A  
(AMD® LX800 with DDR 400MHz, 256MB RAM)
- ◆ Temperature  
Operating: 0°C ~ 60°C (32 ~ 140° F)
- ◆ Humidity  
Operating: 5% ~ 95%, non-condensing
- ◆ Dimensions  
115 mm x 165 mm
- ◆ Weight  
GW: 950 g; NW: 350 g

## Features

1. EPIC form factor, AMD® LX800 processor embedded board with RoHS compliant
2. DDR 400MHz SO-DIMM SDRAM up to 1GB
3. VGA, 24-bit TTL, and 18-bit single channel LVDS
4. SATA RAID 0, 1, JBOD function support
5. Complete I/O support with 2 x SATA, IDE, PC/104-Plus and 4 x USB 2.0

## Dimensions (mm)



## Packing List

- 1 x NANO-LX Single Board Computer
- 1 x IDE Flat Cable 44p/44p (P/N: 32200-000009-RS)
- 1 x Audio Cable (P/N: 32000-072100-RS)
- 2 x SATA Cable (P/N: 32000-062800-RS)
- 1 x SATA Power Cable (P/N: 32100-088600-RS)
- 1 x Power Cable (P/N: 32100-087100-RS)
- 2 x 2.0 Pitch RS-232 Port Cable (P/N: 32200-000049-RS)
- 1 x Keyboard/ PS2 Mouse Cable (P/N: 32000-000138-RS)
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG (Quick Installation Guide)

## Ordering Information

Part No.	Description
NANO-LX-800-R11	EPIC SBC, AMD® LX800 500MHz Processor, VGA/LVDS/TTL, LAN, SATA and Audio
NANO-LX-CE050	Windows®CE 5.0 & BSP, S/W CD, Licensed Sticker (W/O CPU Board)
NANO-LX-XPE	Windows®XP Embedded & SLD, S/W CD, Licensed Sticker (W/O CPU Board)
32200-015100-RS	LPT Cable
32100-052100-RS	ATX Power Cable
32200-026500-RS	RS-232 and RS-422/485 Cable