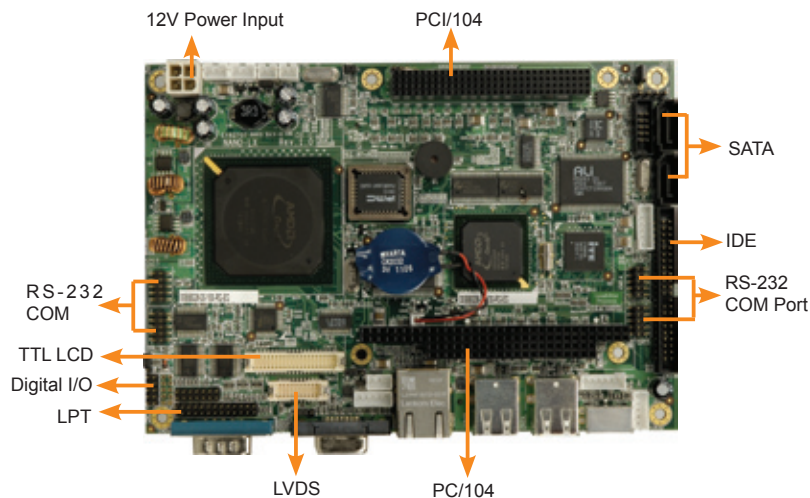
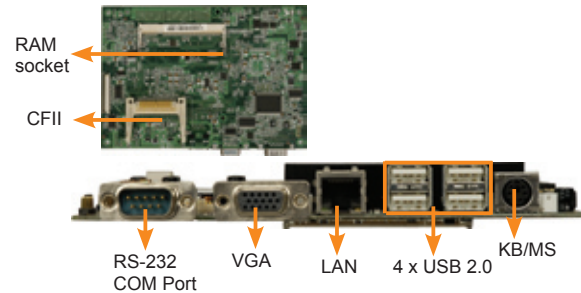


# NANO-LX

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



## Solder Side



## Feature

1. EPIC form factor, new AMD® LX800 processor embedded board with RoHS compliant
2. DDR 400MHz SO-DIMM SDRAM up to 1GB
3. CRT, 24-bit TTL, and 18-bit LVDS support flat panel and CRT monitor
4. SATA RAID 0, 1, JBOD function support
5. Complete I/O support with 2 x SATA-150, IDE, PC/104+ and 4 x USB2.0

## Specification



- ◆ **CPU**  
AMD® Geode LX800 500MHz processor
- ◆ **System Chipset**  
AMD® CS5536
- ◆ **BIOS**  
AWARD
- ◆ **System Memory**  
1 x 200-pin SO-DIMM DDR 333/400MHz up to 1GB
- ◆ **Ethernet**  
10/100Mbps Base-T RTL8100C
- ◆ **I/O**  
4 x USB 2.0  
2 x SATA-150 with ALI M5283 RAID 0,1 function support  
1 x CFII  
1 x LPT  
6 x RS-232  
1 x RS-422/485  
1 x PS/2 for KB/MS  
1 x IDE
- ◆ **Expansion**  
1 x PC/104+ (PCI+ISA BUS)
- ◆ **Audio**  
Realtek ALC203 with AC'97 Codec

- ◆ **Digital I/O**  
8 bit digital I/O, 4 input/ 4 output by super I/O
- ◆ **Super I/O**  
W83627EHG
- ◆ **Display**  
CRT integrated in AMD® LX800  
**TTL/ LVDS**  
24-bit single channel TTL integrated in AMD® Geode LX800  
18-bit single channel LVDS integrated in AMD® Geode LX800
- ◆ **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**  
Operation: 0 ~ 60° C (32 ~ 140° F)
- ◆ **Humidity**  
Operation: 5% ~ 95%, non-condensing
- ◆ **Dimension**  
115 mm x 165 mm
- ◆ **Weight**  
GW: 950 g; NW: 350 g

## Packing List

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

## Ordering Information

Part No.	Description
NANO-LX-800-R10	EPIC SBC, AMD® LX800 500MHz Processor, CRT, LCD/LVDS, LAN, SATA and Audio
32200-015100-RS	LPT Cable
32200-026500-RS	2.0 Pitch RS-232 and RS-422/485 Port Cable w/o BK