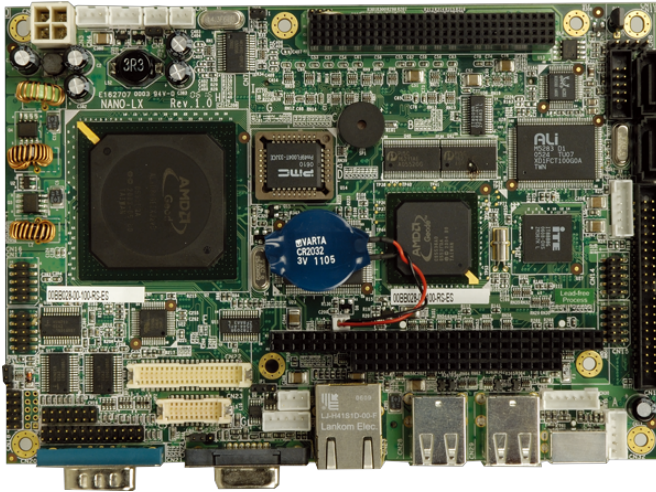


# NANO-LX-800

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 singel-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<br>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 |
|-----------------|--------------------------------------------------------------------------|

## 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       |