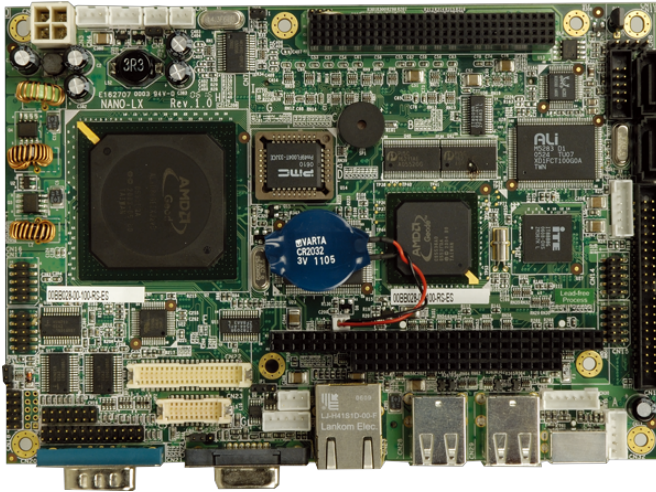


NANO-LX-800

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 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 |