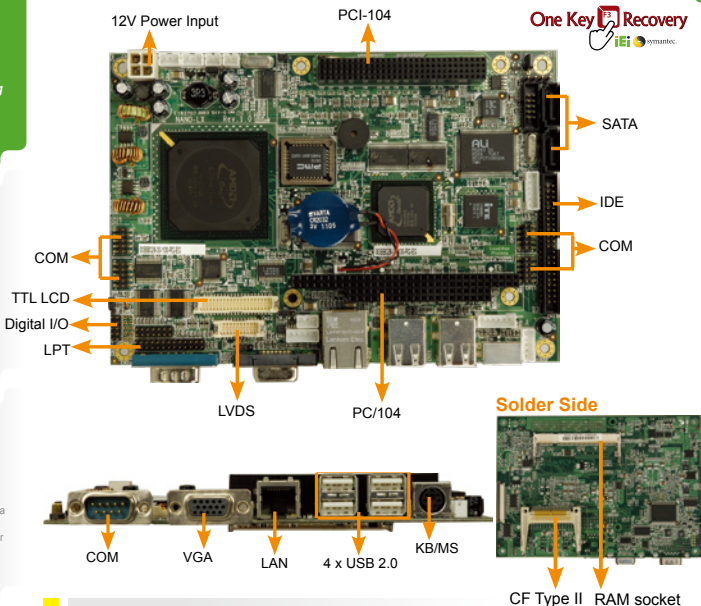


# epic NANO-LX-R12

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



## 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
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

- ◆ CPU  
On board AMD® Geode™ LX800 (500MHz) processor
- ◆ System Chipset  
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 VIA VT6421A 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

## Packing List

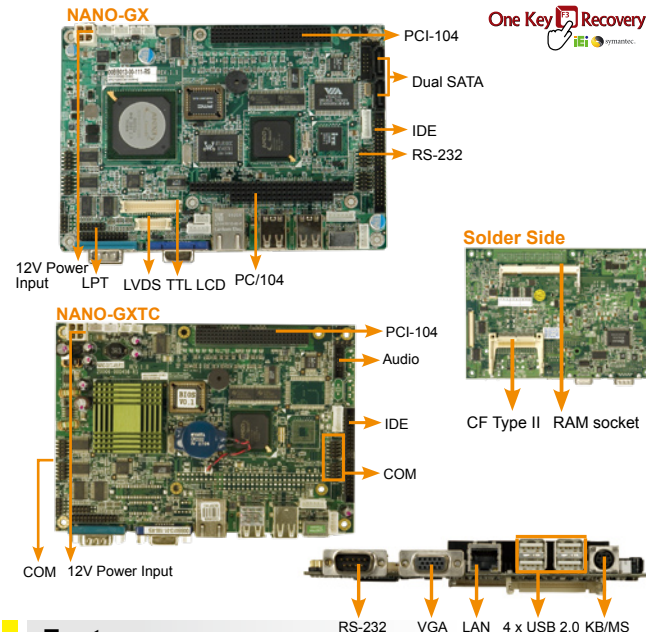
1 x NANO-LX Single board computer
1 x IDE Flat Cable 44p/44p (P/N: 32200-000009-RS)
1 x Audio Cable (P/N: 32000-072100-RS)
2 x SATA Cable (P/N: 32000-062800-RS)
1 x SATA Power Cable (P/N: 332102-000100-100/200-RS)
1 x Power Cable (P/N: 32100-087100-RS)
2 x RS-232 Port Cable (P/N: 32200-000049-RS)
1 x KB/MS Y Cable (P/N: 32000-133200-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG

## Ordering Information

Part No.	Description
NANO-LX-800-R12	EPIC SBC, AMD® LX800 500MHz Processor, VGA/LVDS/TTL, LAN, SATA and Audio
32200-015100-RS	LPT cable
32100-052100-RS	ATX Power cable
32200-026500-RS	RS-232 and RS-422/485 cable

# epic NANO-GX/GXTC-R11

EPIC SBC with AMD® GX466 CPU, SATA, VGA/LVDS/TTL, LAN, USB 2.0 and Audio



## Features

1. EPIC form factor, AMD® GX466 processor embedded board
2. Supports up to 512MB of 266/200MHz SO-DIMM DDR memory
3. Two SATA channels with transfer rates up to 150MB/S on-board
4. Supports four USB 2.0 devices
5. PC/104-Plus expansion slot
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

- ◆ CPU  
On board AMD® Geode™ GX466 (333MHz) processor
- ◆ System Chipsets  
AMD® Geode® GX466 + CS5536
- ◆ BIOS  
AMI Flash BIOS
- ◆ System Memory  
One 200-pin 266/200MHz DDR SDRAM DIMM supported (system max. 512MB)
- ◆ Ethernet  
10/100Mbps RTL8100C Ethernet chipset
- ◆ I/O Interface  
6 x RS-232, 1 x RS-232/422/485 (NANO-GX only)  
1 x IDE  
4 x USB 2.0  
2 x SATA1 by VIA VT6421A & RAID 0,1 function support (NANO-GX only)  
1 x LPT  
1 x PS/2 for KB/MS
- ◆ Expansions  
NANO-GX: PC/104-Plus  
NANO-GXTC: PCI-104
- ◆ 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)
- ◆ Super I/O  
W83627EHG
- ◆ Display Interface  
VGA Integrated in the AMD Geode GX466  
24-bit TTL (NANO-GX only)  
18-bit single channel LVDS (NANO-GX only)
- ◆ Audio  
Realtek ALC203 with AC'97 Codec
- ◆ SSD  
CF Type II
- ◆ Watchdog Timer  
Software programmable 1-255 sec. system reset
- ◆ Power Supply  
12V only, AT/ATX support
- ◆ Power Consumption  
12V@0.83A (AMD Geode GX466, DDR 400MHz 512MB)
- ◆ 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

## Packing List

1 x NANO-GX / GXTC Single board computer
1 x ATA33 Flat Cable (P/N: 32200-000009-RS)
2 x SATA Cable (P/N: 32000-062800-RS) (NANO-GX)
1 x SATA Power Cable (P/N: 32102-000100-100/200-RS) (NANO-GX)
2 x RS-232 Cable (P/N: 32200-000049-RS)
1 x KB/MS Y Cable (P/N: 32000-133200-RS)
1 x Audio Cable (P/N: 32000-072100-RS)
1 x Power Cable (P/N: 32100-087100-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG

## Ordering Information

Part No.	Description
NANO-GX-466-R11	EPIC SBC with AMD® GX466 333MHz CPU, CRT/LCD, LAN, USB 2.0 and Audio
NANO-GXTC-466-R11	EPIC SBC with AMD GX466 333MHz CPU, VGA, LAN, COM, USB 2.0, PCI-104 Expansions slot and Audio
32200-015100-RS	LPT Cable
32200-026500-RS	RS-232/422/485 Cable (NANO-GX only)

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 Industrial Data Collector and Controller

4 Video Capture Solutions

5 I/O Communication Solutions

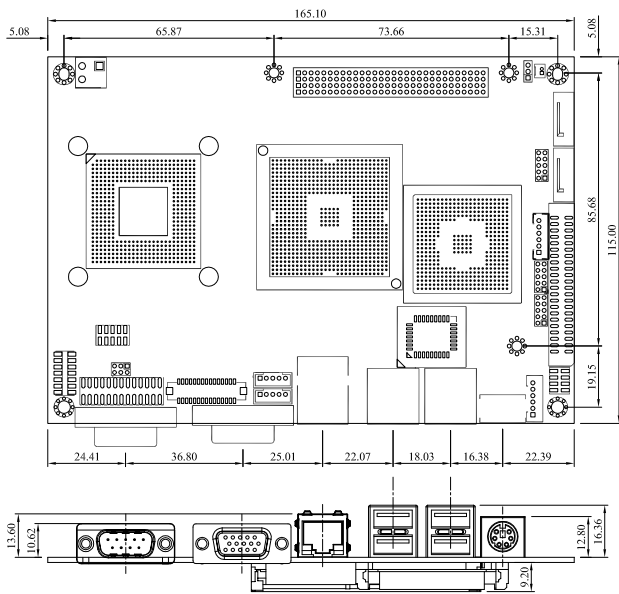
6 Panel Solutions

7 ORing Network Communication

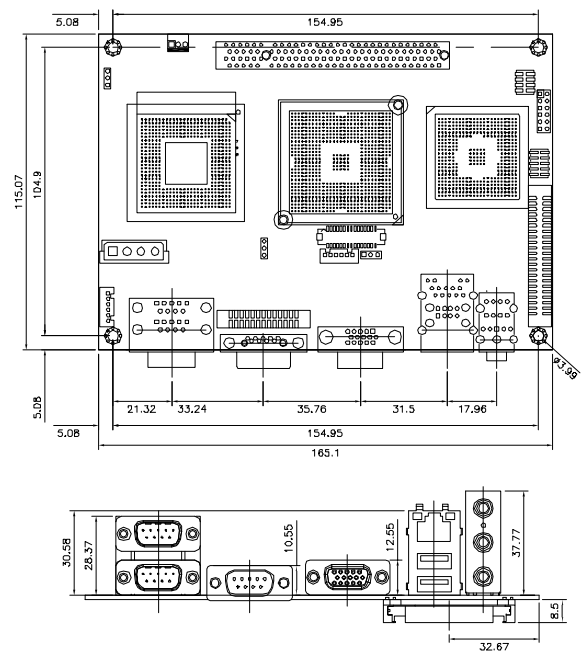
8 Power Supply Peripherals

# EPIC NANO Dimensions (Unit : mm)

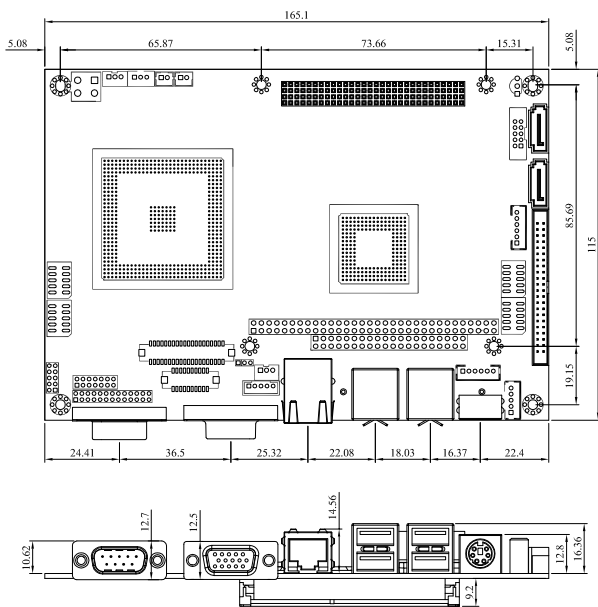
## NANO-8522



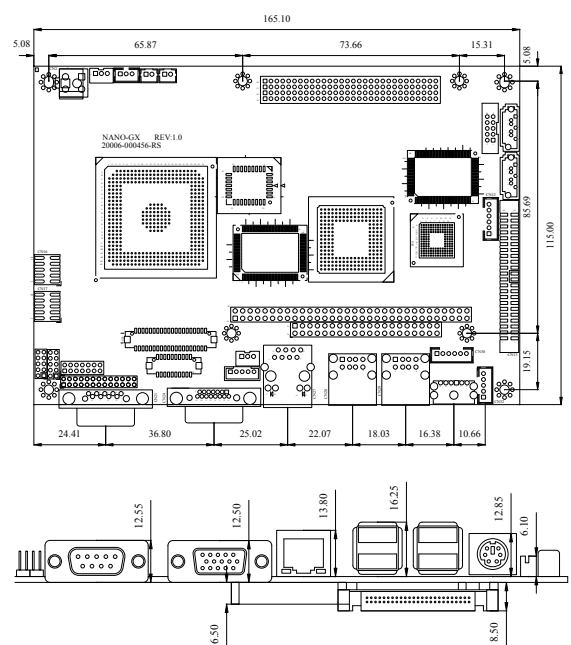
## Enano-8523



## NANO-LX



## NANO-GX/GXTC



1  
Industrial  
Computing  
Solutions

2  
Embedded  
Computing  
Solutions

3  
Industrial Data  
Collector  
and Controller

4  
Video  
Capture  
Solutions

5  
I/O  
Communication  
Solutions

6  
Panel  
Solutions

7  
ORing  
Network  
Communication

8  
Power Supply/  
Peripherals