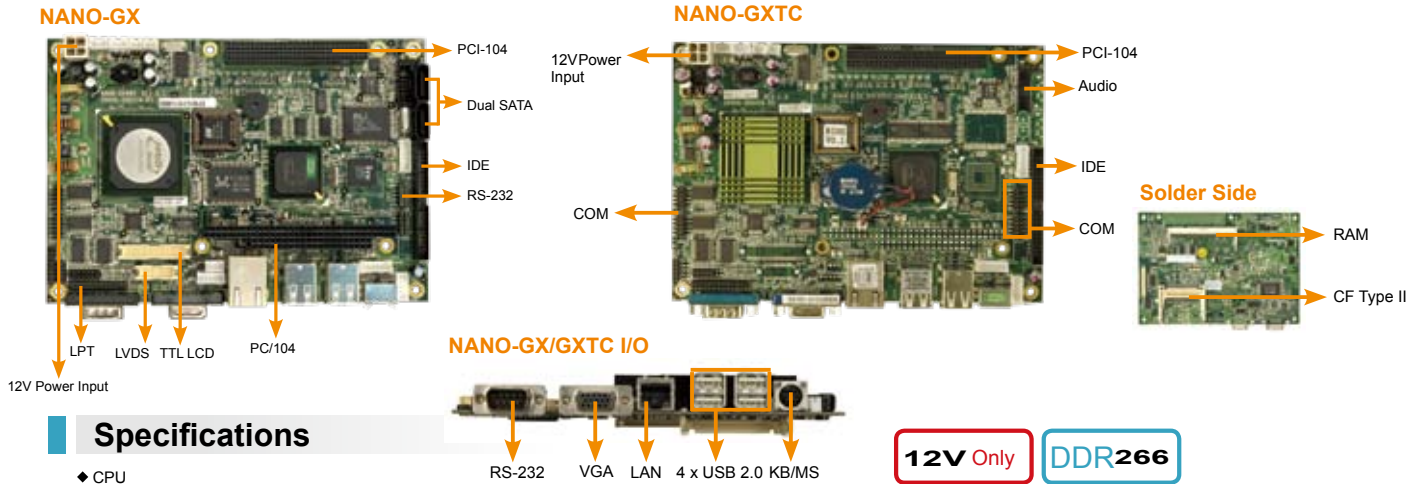


epic NANO-GX/GXTC

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



Specifications

- ◆ CPU
On board AMD® Geode™ GX466(333MHz) processor
- ◆ System Chipsets
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 ALI M5283 & 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

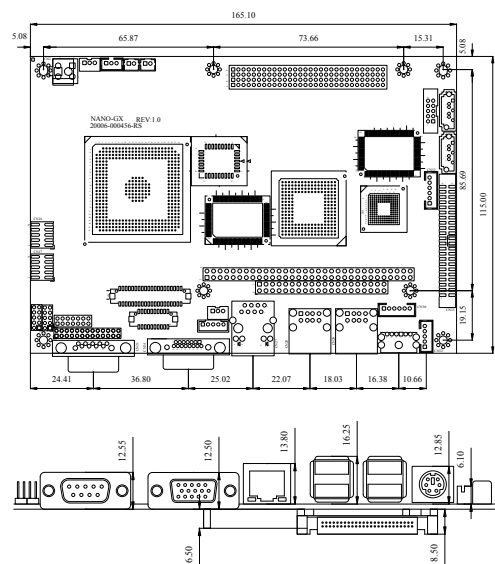
Packing List

| NANO-GX | NANO-GXTC |
|--|--|
| 1 x NANO-GX Single Board Computer | 1 x NANO-GXTC Single Board Computer |
| 1 x ATA33 Flat Cable (P/N: 32200-000009-RS) | 1 x ATA33 Flat Cable (P/N: 32200-000009-RS) |
| 2 x SATA Cable (P/N: 32000-062800-RS) | 2 x RS-232 Cable (P/N: 32200-000049-RS) |
| 1 x SATA Power Cable (P/N: 32100-088600-RS) | 1 x KB/MS Y Cable (P/N: 32000-000138-RS) |
| 2 x RS-232 Cable (P/N: 32200-000049-RS) | 1 x Audio Cable (P/N: 32000-072100-RS) |
| 1 X KB/MS Y Cable (P/N: 32000-000138-RS) | 1 x Power Cable (P/N: 32100-087100-RS) |
| 1 x Audio Cable (P/N: 32000-072100-RS) | 1 x Mini Jumper Pack |
| 1 x Power Cable (P/N: 32100-087100-RS) | 1 x Utility CD |
| 1 x Mini Jumper Pack | 1 x QIG (Quick Installation Guide) |
| 1 x Utility CD | |
| 1 x QIG (Quick Installation Guide) | |

NANO-GX/GXTC Comparison

| I/O Interface | Model | |
|----------------|-----------|---------|
| | NANO-GXTC | NANO-GX |
| RS-232 | 6 | 6 |
| RS-232/422/485 | x | 1 |
| SATA Port | x | 2 |
| PCI-104 slot | 1 | 1 |
| PC/104 slot | x | 1 |
| 24-bit TTL | x | 1 |
| 18-bit LVDS | x | 1 |

Dimensions (mm)



Ordering Information

| Part No. | Description |
|-------------------|---|
| NANO-GX-466-R10 | EPIC SBC with AMD® GX466 333MHz CPU, CRT/LCD, LAN, USB 2.0 and Audio |
| NANO-GXTC-466-R10 | EPIC SBC with AMD GX466 333MHz CPU, VGA, LAN, COM, USB 2.0, PCI-104 Expansions slot and Audio |
| 32000-070300-RS | USB Cable |
| 32200-015100-RS | LPT Cable |
| 32200-026500-RS | RS-232/422/485 Cable (NANO-GX only) |
| NANO-GX-466-CE050 | Windows® CE5.0 Image & BSP S/W CD, Licensed Stickers (w/o CPU board, for NANO-GX/GXTC) |
| NANO-GX-466-XPE | Windows® XP Embedded Image & SLD S/W CD, Licensed Stickers(w/o CPU board, for NANO-GX/GXTC) |