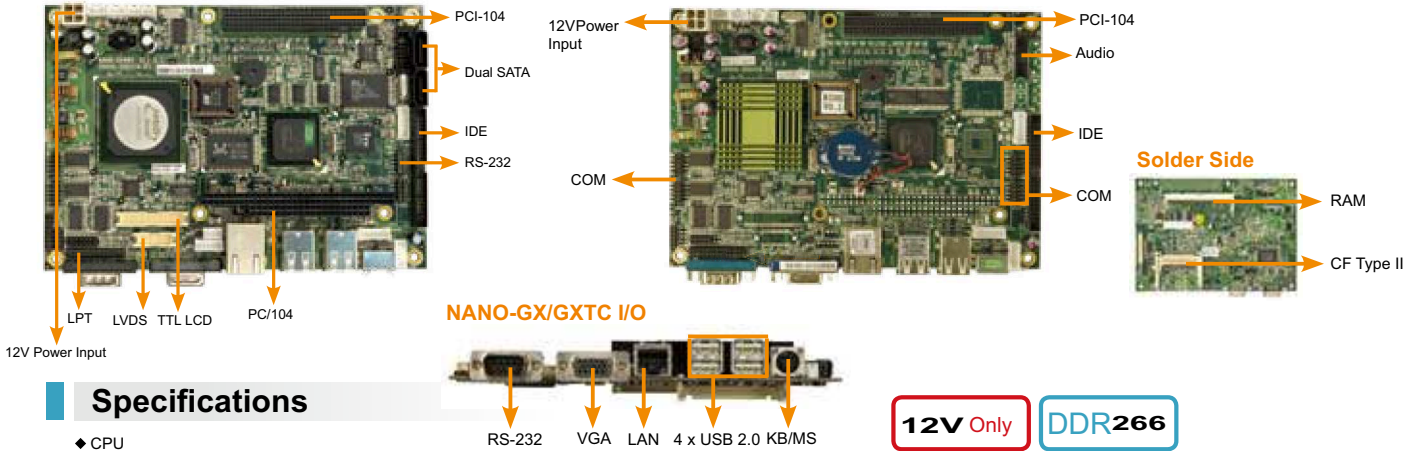


epic NANO-GX/GXTC

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

NANO-GX

NANO-GXTC



Specifications

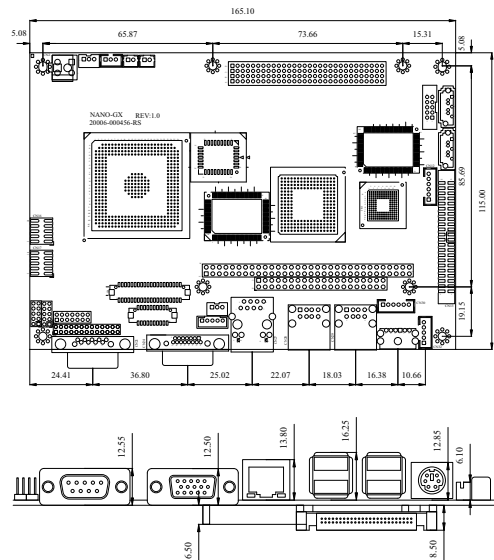
- ◆ CPU
On board AMD® Geode™ GX466(333MHz) processor
- ◆ System Chipsets
Geode® GX466 + CS5536
- ◆ BIOS
AMI Flash BIOS
- ◆ System Memory
One 200-pin 266/200MHz DDR SDRAM DIMM supported (system max. 512MB)
- ◆ Ethernet
10/100Mbps RTL8100C Ethernet chipset
- ◆ I/O Interface
6 x RS-232, 1 x RS-232/422/485 (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



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)



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)	

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)

1 Application Server Platform

2 Single Board Computer

3 IBX Series POS PC

4 AFOLUX POS Panel PC

5 Video Capture Card

6 KAMIO RISC

7 IOVU Open HMI

8 VITO Universal Controller

9 DINO BLADE

10 LCD Product Series

11 Embedded System

12 Industrial Computer Chassis

13 Power Supply

14 Peripherals