

epic NANO-GX2

EPIC SBC with AMD® GX466 CPU, VGA, LAN, Dual COM, Mini PCI Slot, CF, USB 2.0 and Audio

1 Application Server Platform

2 Single Board Computer

3 IBX Series POS PC

4 AFOLLUX POS Panel PC

5 Video Capture Card

6 KAMIO RISC

7 IOVU Open HMI

8 VITO Universal Controller

9 DINO BLADE

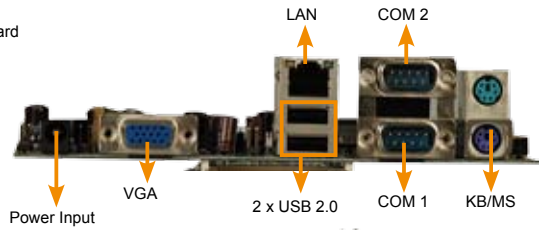
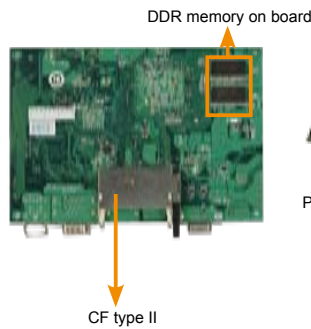
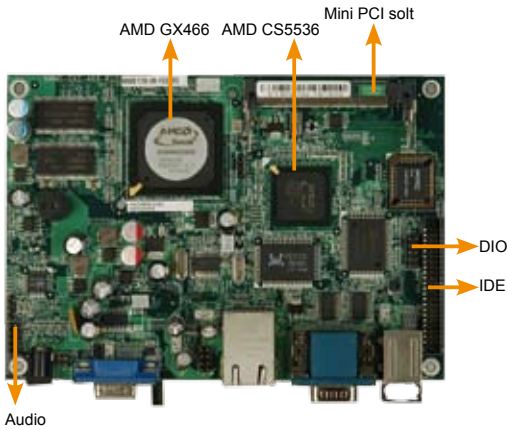
10 LCD Product Series

11 Embedded System

12 Industrial Computer Chassis

13 Power Supply

14 Peripherals



Specifications

- ◆ CPU
On board AMD® Geode™ GX466(333MHz) processor
- ◆ System Chipsets
AMD® Geode™ GX466 + CS5536
- ◆ BIOS
Award BIOS
- ◆ System Memory
On board 128MB DDR SDRAM Supported, optional 256MB
- ◆ Ethernet
10/100Mbps RTL8100C Ethernet chipsets
- ◆ I/O Interface
1 x IDE
4 x USB 2.0
2 x RS-232
2 x PS/2 for KB/MS
- ◆ Expansion
1 x Mini PCI
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/ 4-bit output by 2.54 pitch pin header
- ◆ Infrared Interface
1 x Infrared Interface by pin header
- ◆ Super I/O
W83627EHG
- ◆ Display Interface
VGA Integrated in the AMD Geode GX466
- ◆ Audio
Realtek ALC203 with AC'97 Codec
- ◆ SSD
CF Type II
- ◆ Watchdog Timer
Software programmable supports 1 ~255 sec. system reset
- ◆ Power Supply
5V only, AT/ATX function supported
- ◆ Power consumption
5V@1.86A
(AMD® GX466 with DDR 400MHz, 256MB RAM)
- ◆ Temperature
Operating: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
Operating: 5% ~95%non-condensing
- ◆ Dimension
115 mm x 165 mm
- ◆ Weight
GW: 800 g / NW: 180 g

Compact & Fanless System Ready

Fanless

AMD Geode

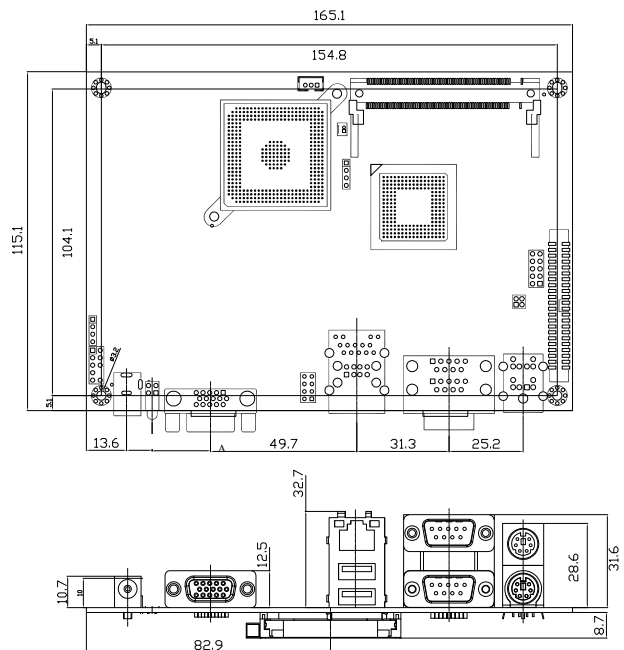
5V Only

On-board Memory

Features

1. EPIC form factor, AMD® Geode™ GX466 processor embedded board with RoHS compliant
2. On board 128MB system memory, optional 256MB
3. +5V only DC input by DC jack
4. Design for thin client application

Dimensions (mm)



Packing List

1 x NANO-GX2 Single Board Computer
1 x IDE Flat cable 44p/44p (P/N: 32200-000009-RS)
1 x Audio cable (P/N: 32000-072103-RS)
1 x Dual ports USB cable (P/N: 32000-044300-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
NANO-GX2-466-R10	EPIC SBC, AMD® GX466 333 MHz CPU, VGA, LAN, Dual COM, Mini PCI Slot, CF, USB 2.0, Audio with on board 128MB memory
NANO-GX2-CE050	Windows®CE 5.0 & BSP, S/W CD, Licensed Sticker(W/O CPU board)
NANO-GX2-XPE	Windows®XP Embedded & SLD, S/W CD, Licensed Sticker(W/O CPU board)
63000-UP0301E05P62L-RS	5V 30W power adapter; 90~264Vac input