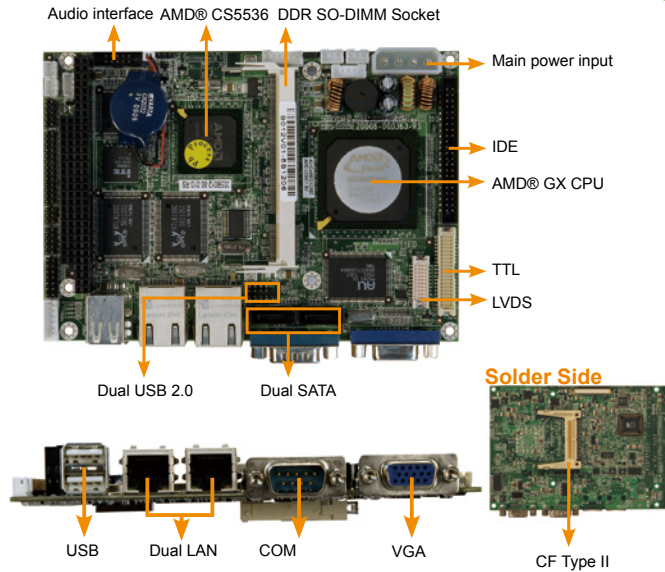


# WAFER-GX

3.5" SBC, AMD® Geode™ LX800 Processor with VGA/LVDS/TTL, Dual LAN, USB 2.0, Audio and On-Board Memory



## Features

1. AMD® GX466 333MHz and RoHS compliant
2. DDR 266 MHz SO-DIMM socket support up to 512 MB
3. Dual 10/100Mbps RTL8100C Ethernet chipsets
4. SATA, USB 2.0, CF Type II, LPT and COM port
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

- ◆ CPU  
On board AMD® Geode™ GX466(333MHz) processor
- ◆ System Chipset  
AMD® Geode™ GX466 + CS5536
- ◆ BIOS  
Award BIOS
- ◆ System Memory  
One 200-pin 266/200 MHz DDR SDRAM DIMM supported (system max. 512MB)
- ◆ Ethernet  
10/100Mbps dual RTL8100C Ethernet chipsets
- ◆ I/O Interface  
4 x USB 2.0  
2 x SATA with ALI M5283 RAID 0, 1 function support  
1 x LPT  
1 x CF Type II  
2 x RS-232  
1 x RS-422/485  
1 x PS/2 for KB/MS  
1 x IDE
- ◆ Expansions  
1 x PC/104
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Super I/O  
W83627EHG
- ◆ Audio  
Realtek ALC203 with AC'97 Codec
- ◆ Display Interface  
VGA integrated in AMD® GX466  
24-bit TTL  
18-bit single channel LVDS
- ◆ Watchdog Timer  
Software programmable supports 1-255 sec. system reset
- ◆ Power Supply  
5V only, AT/ATX support
- ◆ Power Consumption  
5V@1.15A (AMD® GX466, DDR266MHz/ 256MB HCT11.2)
- ◆ Temperature  
Operating: 0° to 60°C
- ◆ Humidity  
Operating: 5% to 95%, non-condensing
- ◆ Dimensions  
146 mm x 102 mm
- ◆ Weight  
GW: 670 g / NW: 230 g

## Packing List

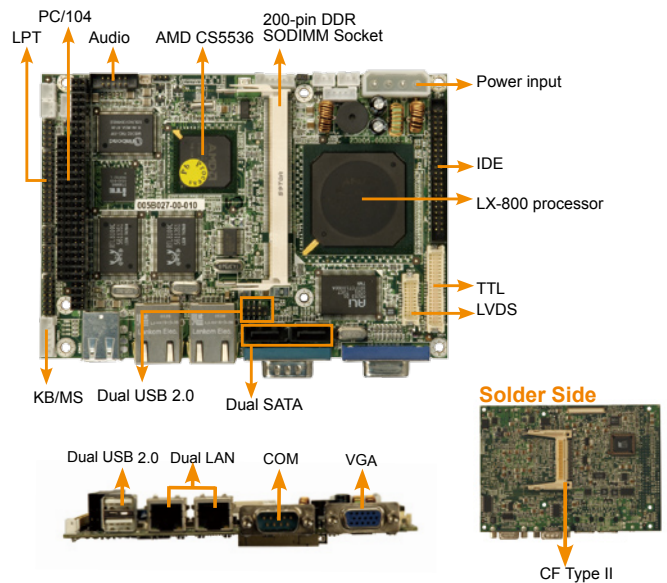
1 x WAFER-GX single board computer	
1 x ATA33 flat cable (P/N: 32200-000009-RS)	
2 x SATA cable (P/N: 32000-062800-RS)	
1 x RS-232 cable (P/N: 32200-000049-RS)	
1 x RS-232/422/485 cable (P/N: 32200-026500-RS)	
1 x KB/MS Y cable (P/N: 32000-023800-RS)	
1 x Mini jumper pack	
1 x Audio cable (P/N: 32000-072100-RS)	
1 x Utility CD	1 x QIG

## Ordering Information

Part No.	Description
WAFER-GX-466-R10	3.5" SBC with AMD® GX466 333 MHz CPU, VGA/LVDS/TTL, Dual LAN, USB 2.0 and Audio
32000-070301-RS	USB cable
32200-015100-RS	LPT cable

# WAFER-LX-R12

3.5" SBC with AMD® Geode LX800 onboard Processor VGA/ LVDS/ TTL, Dual LAN and SATA



## Features

1. 3.5" form factor, AMD® LX800 processor embedded board with RoHS compliant
2. DDR 333/400MHz SO-DIMM SDRAM up to 1GB
3. Complete I/O support with 2xSATA, IDE, CF Type II, PC/104, dual LAN and 4xUSB 2.0
4. 24-bit TTL/ 18-bit single channel LVDS
5. Value embedded applications with low power, fanless design support Windows® XP/CE/XPe
6. The best choice for Thin Client. Windows® CE 5.0, XPe OS image with ICA, RDP and IE APs ready
7. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

- ◆ CPU  
On board AMD® Geode™ LX800 (500MHz) processor
- ◆ System Chipsets  
AMD® Geode LX800 + AMD® CS5536
- ◆ BIOS  
Award BIOS
- ◆ System Memory  
One 200-pin 400/333MHz DDR SDRAM SO-DIMM Supported (System max. 1GB)
- ◆ Ethernet  
10/100Mbps dual RTL8100C Ethernet Chipsets
- ◆ I/O Interface  
4 x USB 2.0  
2 x SATA with VIA VT6421A RAID 0, 1 function support  
1 x LPT  
1 x CF Type II  
2 x RS-232  
1 x RS-422/485  
1 x PS/2 for KB/MS  
1 x IDE
- ◆ Expansions  
1 x PC/104
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output by super I/O
- ◆ Super I/O  
W83627EHG
- ◆ Audio  
Realtek ALC203 with AC'97 Codec
- ◆ Display  
VGA integrated in AMD® Geode LX800  
24 bit TTL  
18-bit single channel LVDS
- ◆ Infrared Interface  
1 x Infrared Interface by pin header
- ◆ Watchdog Timer  
Software programmable supports 1-255 sec. system reset
- ◆ Power Supply  
5V only, AT/ATX power support
- ◆ Power Consumption  
5V@1.53A (AMD® LX800 with DDR 400MHz/ 1GB)
- ◆ Temperature  
Operating: 0° to 60°C
- ◆ Humidity  
Operating: 5% to 95%, non-condensing
- ◆ Dimensions  
146 mm x 102 mm
- ◆ Weight  
GW: 670 g / NW: 230 g

## Packing List

1 x WAFER-LX800 single board computer	
1 x Audio cable (P/N: 32000-072100-RS)	
1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS)	
2 x SATA cable (P/N: 32000-062800-RS)	
1 x SATA power cable (P/N: 32102-000100-100/200-RS)	
1 x RS-232/422/485 cable (P/N: 32200-026500-RS)	
1 x KB/MS Y cable (P/N: 32000-023800-RS)	
1 x USB cable (P/N: 32000-070301-RS)	
1 x Mini jumper pack	
1 x Utility CD	1 x QIG

## Ordering Information

Part No.	Description
WAFER-LX-800-R12	3.5" SBC with AMD® LX 800 Processor, Audio, VGA/LVDS/TTL, Dual LAN and SATA connectors
32200-015100-RS	LPT cable

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

