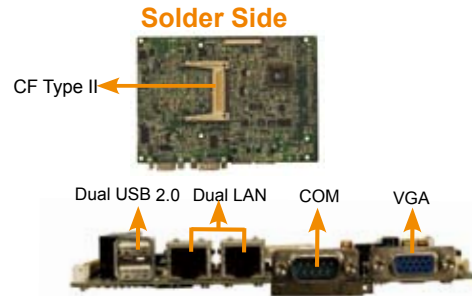
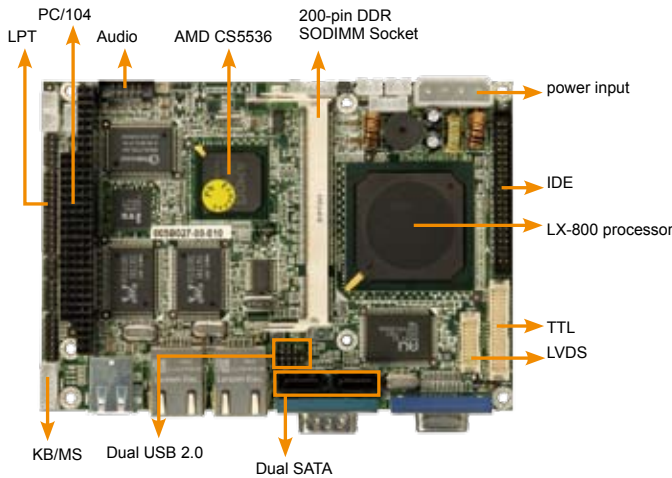


# WAFER-LX

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



## Specifications

- ◆ **CPU**  
AMD® Geode LX800 500MHz processor
- ◆ **System Chipset**  
AMD® Geode LX800 + AMD® CS5536
- ◆ **BIOS**  
Award BIOS
- ◆ **System Memory**  
1 x 200-pin SO-DIMM DDR 333/400MHz up to 1GB
- ◆ **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 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
- ◆ **IrDA**  
1 x IrDA by pin hearer
- ◆ **Watchdog Timer**  
Software programmable supports 1~255 sec. system reset
- ◆ **Power Supply**  
5Vonly, AT/ATX power support
- ◆ **Power Consumption**  
5V@2.5A (AMD® LX800 with DDR 400MHz/ 1GB)
- ◆ **Temperature**  
Operation: 0° to 60°C
- ◆ **Humidity**  
Operation: 5% to 95%, non-condensing
- ◆ **Dimensions**  
146 mm x 102 mm
- ◆ **Weight**  
GW: 670 g; NW: 230 g

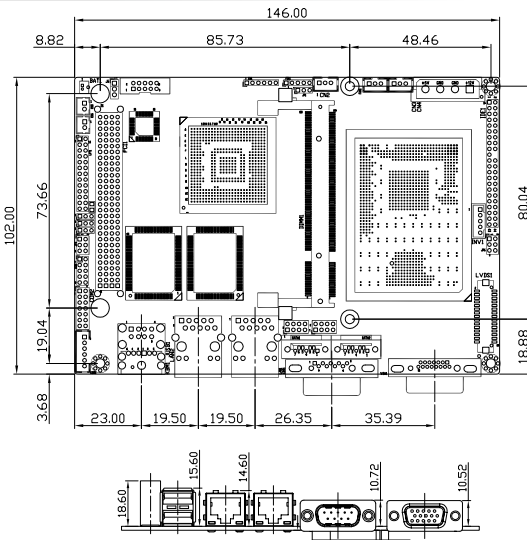
## Packing List

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: 32000-0628000-RS)
1 x SATA Power Cable (P/N: 32100-088600-RS)
1 x RS-232 Cable (P/N: 32200-026500-RS)
1 x KB/MS Y Cable (P/N: 32000-023800-RS)
1 x USB Cable (P/N: 32000-070300-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

## Features

1. 3.5" form factor, AMD® LX800 processor embedded board with RoHS complaint
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 4xUSB2.0
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

## Dimensions



## Ordering Information

Part No.	Description
WAFER-LX-800-R11	3.5" SBC with AMD® LX 800 Processor, Audio, VGA/LVDS/TTL, Dual LAN and SATA Connectors
WAFER-LX-CE060	WindowsCE6.0 Image & BSP S/W CD, Licensed Sticker (W/O CPU Board)
WAFER-LX-CE050	WindowsCE5.0 Image & BSP S/W CD, Licensed Sticker (W/O CPU Board)
WAFER-LX-XPE	WindowsXP Embedded Image & SLD S/W CD, Licensed Sticker (W/O CPU Board)
WAFER-LX-CLIENT-XPE	3.5" SBC with AMD® LX 800 Processor, 256 DDR SO-DIMM Memory, Audio, VGA/LVDS/TTL, Dual LAN, SATA, IFM 512MB, Windows® XP Embedded Image and Thin Client Package
WAFER-LX-CLIENT-CENET050	3.5" SBC with AMD® LX 800 Processor, 256 DDR SO-DIMM Memory, Audio, VGA/LVDS/TTL, Dual LAN, SATA, IFM 64MB, Windows® CE 5.0 Image and Thin Client Package
32200-015100-RS	LPT Cable

1 Single Board Computer

2 VIDEO CARD

3 Xscale Solutions

4 Open HMI

5 VITO Universal Controller

6 DINO BLADE

7 LCD Product Series

8 Embedded System

9 Industrial Computer Chassis

10 Power Supply

11 Peripherals