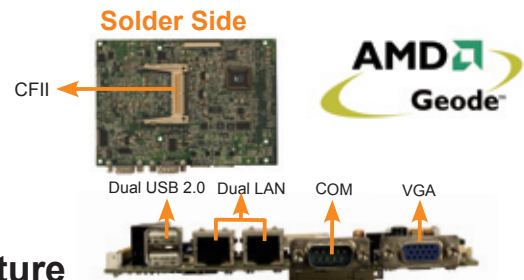
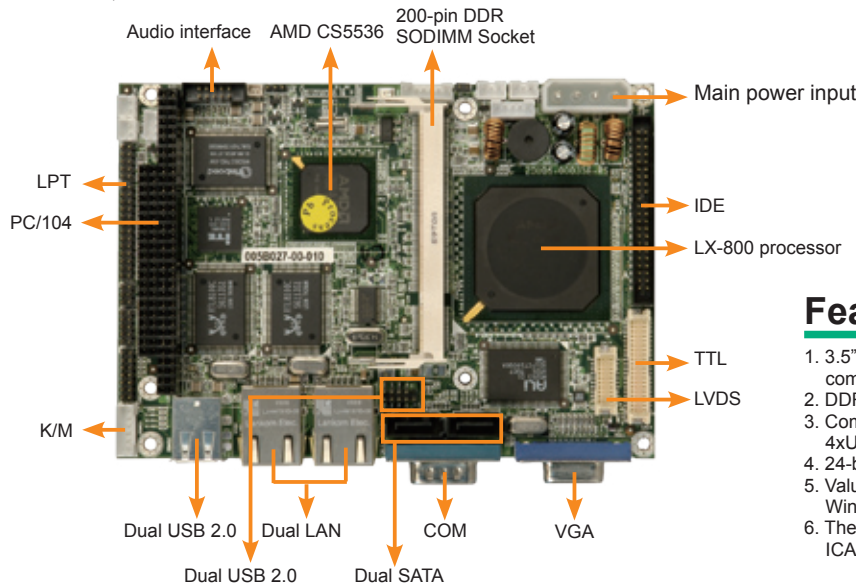


# WAFER-LX

## 3.5" SBC with AMD® Geode LX800 onboard Processor CRT, LCD/ LVDS, Dual LAN and SATA



### Feature

- 3.5" form factor, AMD® LX800 processor embedded board with RoHS compliance
- DDR 333/400MHz SO-DIMM SDRAM up to 1GB
- Complete I/O support with 2xSATA, IDE, CFII, PC/104, dual LAN and 4xUSB2.0
- 24-bit TTL / 18-bitLVDS support simultaneous flat panel and CRT
- Value embedded applications with low power, fanless design support Windows® XP/CE/XPe
- The best choice for Thin Client. Windows® CE 5.0, XPe OS image with ICA, RDP and IE APs ready

## Specification



- ◆ **CPU**  
AMD® Geode LX-800 500MHz processor
- ◆ **System Chipset**  
AMD® CS5536
- ◆ **BIOS**  
AWARD
- ◆ **System Memory**  
1 x 200-pin SO-DIMM DDR 333/400MHz up to 1GB
- ◆ **Ethernet**  
10/100Base-T dual RTL8100C
- ◆ **I/O**  
4 x USB 2.0  
2 x SATA -150 with ALI M5283 RAID 0,1 function support  
1 x LPT  
1 x CFII  
2 x RS-232  
1 x RS-422/485  
1 x PS/2 for KB/MS  
1 x IDE
- ◆ **Expansion**  
1 x PC/104 (ISA Bus)
- ◆ **Digital I/O**

- 8 bit digital I/O, 4 input/ 4 output by super I/O
- ◆ **Super I/O**  
W83627EHG
- ◆ **Audio**  
Realtek ALC203 with AC'97 Codec
- ◆ **Display**  
CRT integrated in AMD® Geode LX800
- ◆ **TTL / LVDS**  
24 bit TTL / 18-bit single channel LVDS
- ◆ **Watchdog Timer**  
Software programmable supports 1~255 sec. system reset
- ◆ **Power Supply**  
+5V± 5%, AT/ATX power support
- ◆ **Power Consumption**  
+5V@2.5A (AMD® LX800 with DDR 400MHz/ 1GB) -- 3D Mark
- ◆ **Temperature**  
Operation: 0° to 60°C
- ◆ **Humidity**  
Operation: 5% to 95%, non-condensing
- ◆ **Dimension**  
146 mm x 102 mm
- ◆ **Weight**  
GW: 670 g; NW: 230 g

## Packing List

1 x WAFER-LX800 Single Board Computer	1 x PS/2 KB/MS Cable (P/N: 32000-023800-RS)
1 x Audio Cable (P/N: 32000-072100-RS)	1 x USB Cable (P/N: 32000-070300-RS)
1 x IDE Flat Cable 44p/44p (P/N: 32200-000009-RS)	1 x Mini Jumper Pack
2 x SATA Cable (P/N: 32000-0628000-RS)	1 x Utility CD
1 x SATA Power Cable (P/N: 32100-088600-RS)	1 x QIG (Quick Installation Guide)
1 x RS-232 Cable (P/N: 32200-026500-RS)	

## Ordering Information

Part No.	Description
WAFER-LX-800-R11	3.5" SBC with AMD® LX 800 Processor, Audio, CRT, LCD/LVDS, Dual LAN and SATA Connectors
WAFER-LX-WINXPE	3.5" SBC with AMD® LX 800 Processor, 256 DDR SO-DIMM Memory, Audio, CRT, LCD/LVDS, Dual LAN, SATA, IFM 512MB and Windows® XP Embedded Image
WAFER-LX-CENET050	3.5" SBC with AMD® LX 800 Processor, 256 DDR SO-DIMM Memory, Audio, CRT, LCD/LVDS, Dual LAN, SATA, IFM 32MB and Windows® CE 5.0 Image
WAFER-LX-CLIENT-XPE	3.5" SBC with AMD® LX 800 Processor, 256 DDR SO-DIMM Memory, Audio, CRT, LCD/LVDS, 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, CRT, LCD/LVDS, Dual LAN, SATA, IFM 64MB, Windows® CE 5.0 Image and Thin Client Package
32200-015100-RS	LPT Cable