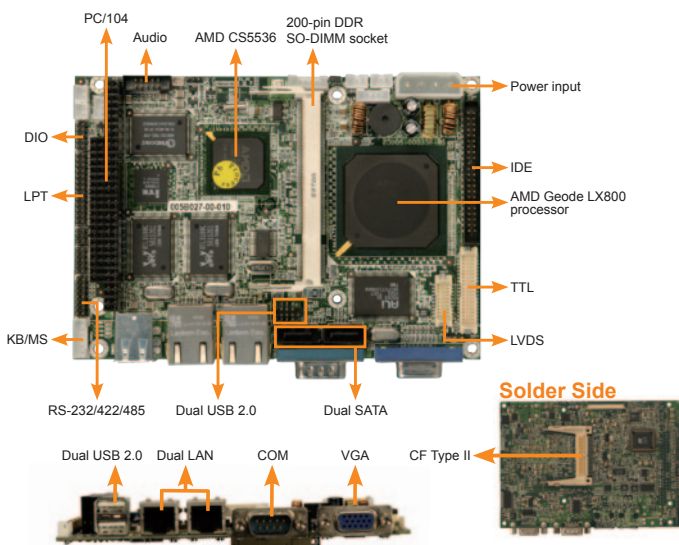


# WAFER-LX-R12

3.5" SBC with on-board AMD Geode™ LX 800 processor VGA/LVDS/TTL, Dual LAN and SATA



## Features

- 3.5" form factor embedded board with AMD Geode™ LX 800 processor and RoHS compliant
- DDR 333/400MHz SO-DIMM SDRAM up to 1GB
- Complete I/O support with two SATA, IDE, CF Type II, PC/104, dual LAN and four USB 2.0
- 24-bit TTL/18-bit single-channel LVDS
- Value embedded applications with low power and 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
- 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
- Expansion**  
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**  
Winbond W83627EHG
- Audio**  
Realtek ALC203 with AC'97 Codec
- Display**  
VGA integrated in AMD Geode™ LX 800  
24-bit TTL  
18-bit single-channel LVDS
- Infrared Interface**  
1 x Infrared interface by pin hearer
- 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)
- Operating Temperature:** 0°C ~ 60°C
- Operating Humidity**  
5% ~ 95%, non-condensing
- Dimensions**  
146 mm x 102 mm
- Weight**  
GW: 670 g/NW: 230 g

## Packing List

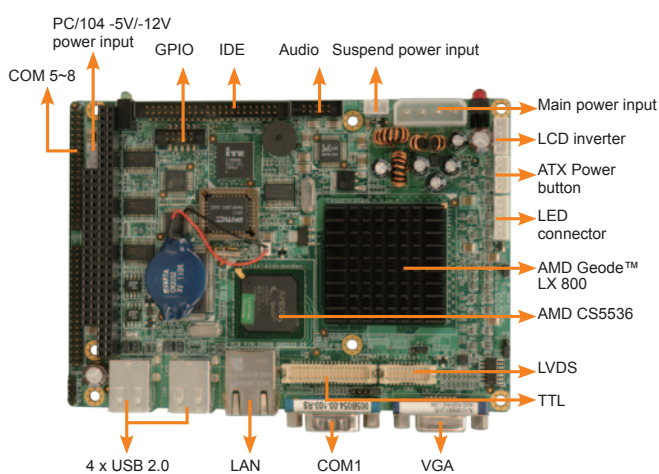
1 x WAFER-LX800 single board computer	
1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS)	
1 x RS-232/422/485 cable (P/N: 32205-000300-100-RS)	
1 x SATA power cable (P/N: 32102-000100-100-RS)	
1 x Audio cable (P/N: 32007-002600-100-RS)	1 x One Key Recovery CD
1 x KB/MS Y cable (P/N: 32006-001100-100-RS)	1 x Mini jumper pack
2 x SATA cable (P/N: 32000-062800-RS)	1 x Utility CD
1 x USB cable (P/N: 32000-070301-RS)	1 x QIG

## Ordering Information

Part No.	Description
WAFER-LX-800-R12	3.5" SBC with AMD Geode™ LX 800 processor, audio, VGA/LVDS/TTL, dual LAN and SATA connectors
32200-015100-RS	LPT cable

# WAFER-LX2-R12

3.5" SBC with AMD Geode™ LX 800 processor, 8 COM, DDR 400MHz, VGA/LVDS/TTL display interfaces, PC/104, four USB 2.0, Embedded OS support



## Features

- 3.5" form factor with AMD Geode™ LX 800 CPU
- One 333/400MHz DDR SO-DIMM socket supports up to 1GB memory
- VGA, 24-bit TTL, 18-bit LVDS display interfaces
- Seven RS-232 and one RS-232/422/485
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

- CPU**  
On-board AMD Geode™ LX 800 (500MHz) processor
- System Chipsets**  
AMD Geode™ LX 800 + CS5536
- BIOS**  
Award BIOS
- System Memory**  
One 200-pin 400/333MHz DDR SDRAM SO-DIMM supported (system max. 1GB)
- Ethernet**  
Single Realtek RTL8100C 10/100Mbps Ethernet chipset
- I/O Interface**  
7 x RS-232  
4 x USB 2.0  
1 x RS-232/422/485  
1 x IDE
- Expansion**  
PC/104 (ISA Bus)
- Digital I/O**  
8-bit digital I/O, 4-bit input/4-bit output
- Display Interface**  
VGA integrated in AMD Geode™ LX 800  
24-bit TTL  
18-bit single-channel LVDS
- 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 support
- Power Consumption**  
5V@1.33A (AMD Geode™ LX 800 with 400MHz 1GB DDR)
- Operating Temperature**  
0°C ~ 60°C (32°F~140°F)
- Operating Humidity**  
5% ~ 95%, non-condensing
- Dimensions**  
146 mm x 102 mm
- Weight**  
GW: 670g/NW: 230g

## Packing List

1 x WAFER-LX2 single board computer		
1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS)		
2 x Quad RS-232 adapter cable (P/N: 32205-001800-200-RS)		
1 x Audio cable (P/N: 32200-072100-RS)	1 x One Key Recovery CD	
1 x Mini jumper pack	1 x Utility CD	1 x QIG

## Ordering Information

Part No.	Description
WAFER-LX2-800-R12	3.5" SBC with AMD Geode™ LX 800 processor, Audio, VGA/LVDS, TTL/LVDS, four USB 2.0, seven RS-232 and one RS-232/422/485