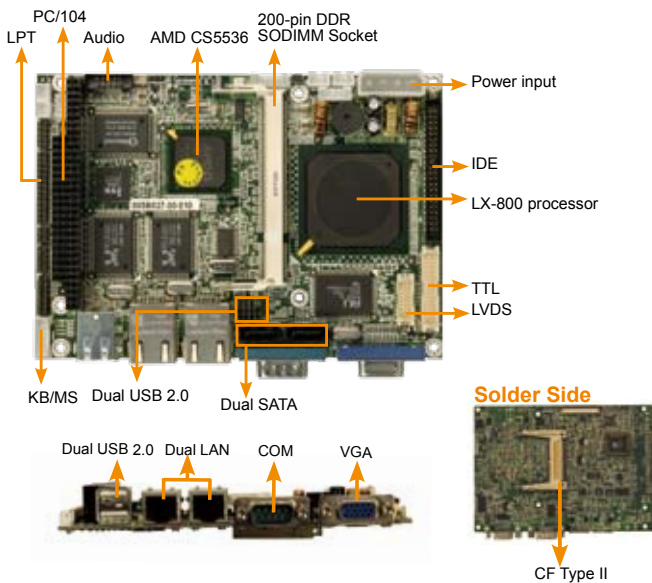


# WAFER-LX-R12

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



## Features

- 3.5" form factor, AMD® LX800 processor embedded board with RoHS compliant
- DDR 333/400MHz SO-DIMM SDRAM up to 1GB
- Complete I/O support with 2xSATA, IDE, CF Type II, PC/104, dual LAN and 4xUSB 2.0
- 24-bit TTL/ 18-bit single channel LVDS
- 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

## 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  
1 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 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)
- 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

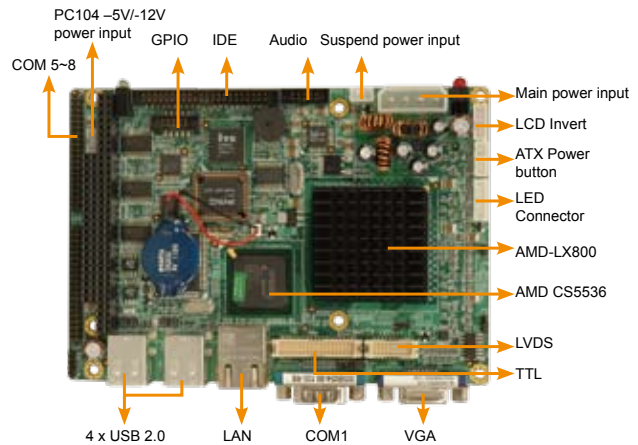
|   |
|---|
| 1 x WAFER-LX800 single board computer             |
| 1 x Audio cable (P/N: 32000-072100-RS)            |
| 1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS) |
| 2 x SATA cable (P/N: 32000-0628000-RS)            |
| 1 x SATA power cable (P/N: 32100-088600-RS)       |
| 1 x RS-232/422/485 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   |

# WAFER-LX2-R12

3.5" SBC with AMD® Geode LX800 Processor, 8 COM, DDR 400MHz, VGA/ LVDS/TTL Display Interfaces, PC/104, 4 x USB 2.0 & Embedded OS Support



## Features

- 3.5" form factor with AMD® Geode™ LX800 CPU
- DDR 333/400MHz SO-DIMM Socket up to 1GB
- VGA, 24-bit TTL, 18-bit LVDS display interface
- 7 x RS-232 and 1 x RS-232/422/485

## Specifications

- CPU**  
On board AMD® Geode™ LX800 (500MHz) processor
- System Chipsets**  
AMD® Geode™ LX800 + CS5536
- BIOS**  
Award BIOS
- System Memory**  
One 200-pin 400/333MHz DDR SDRAM SO-DIMM Supported (System max. 1GB)
- Ethernet**  
10/100Mbps Single RTL8100C Ethernet Chipsets
- I/O Interface**  
7 x RS-232  
1 x RS-232/422/485  
4 x USB 2.0  
1 x IDE
- Expansions**  
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 LX800 processor  
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® LX800 with DDR 400MHz/ 1GB)
- Temperature**  
Operating: 0°C ~ 60°C ( 32°F~ 140°F)
- Humidity**  
Operating: 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 Mini jumper pack                              |
| 1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS) |
| 2 x 4 RS-232 adapter cable (P/N: 32200-025401-RS) |
| 1 x Audio cable (P/N: 32200-072100-RS)            |
| 1 x Utility CD                                    |
| 1 x QIG   |

## Ordering Information

| Part No.          | Description   |
|-------------------|---|
| WAFER-LX2-800-R12 | 3.5" SBC with AMD Geode LX800 Processor, Audio, VGA/ LVDS, TTL/LVDS, 4xUSB 2.0, 7 x RS-232 and 1 x RS-232/422/485 |
| IO-KIT-4COM-R10   | 4 COM ports adapter board   |