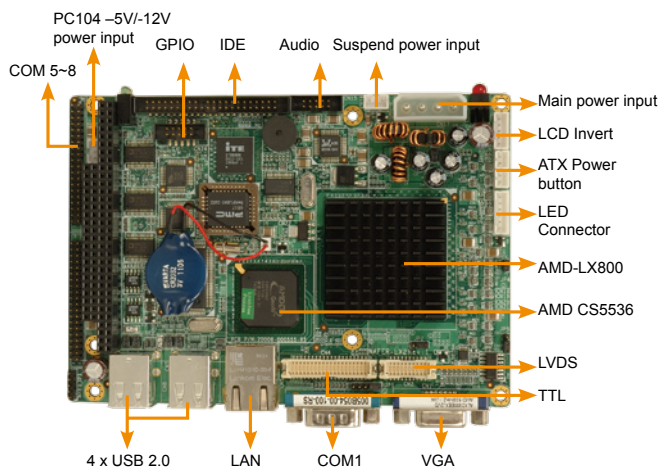


# WAFER-LX2-R12

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

1. 3.5" form factor with AMD® Geode™ LX800 CPU
2. DDR 333/400MHz SO-DIMM Socket up to 1GB
3. VGA, 24-bit TTL, 18-bit LVDS display interface
4. 7 x RS-232 and 1 x RS-232/422/485
5. 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 + 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  
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

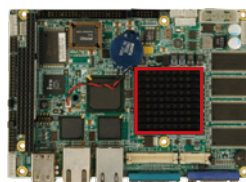
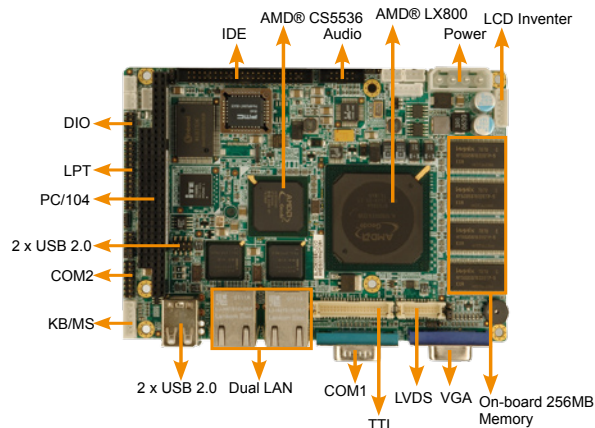
1 x WAFER-LX2 single board computer	
1 x Mini jumper pack	
1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS)	
2 x Quad RS-232 adapter cable (P/N: 32200-025401-RS)	
1 x Audio cable (P/N: 32200-072100-RS)	
1 x Utility CD	1 x QIG

## Ordering Information

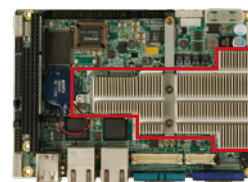
Part No.	Description
WAFER-LX2-800-R12	3.5" SBC with AMD Geode LX800 Processor, Audio, VGA/LVDS, TTL/LVDS, 4 x USB 2.0, 7 x RS-232 and 1 x RS-232/422/485
IO-KIT-4COM-R10	4 COM ports adapter board

# WAFER-LX3-R20

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



**WAFER-LX3-800 :**  
0°C ~ +60°C Operating temperature



**WAFER-LX3-800W :**  
-40°C ~ +85°C operating temperature

## Features

1. 3.5" form factor with AMD® Geode™ LX800 (500MHz) CPU
2. On board memory support up to 512MB
3. VGA, 24-bit TTL, 18-bit LVDS display interface
4. 2 x RS-232 and 1 x RS-422/485
5. Supports wide operating temperature
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

- ◆ CPU  
On board AMD® Geode™ LX800(500MHz) processor
- ◆ System Chipset  
AMD® Geode™ LX800 + CS5536
- ◆ BIOS  
AMI BIOS
- ◆ System Memory  
On board Memory support up to 512MB
- ◆ Ethernet  
Dual 10/100 Mbps Intel® 82551ER controller
- ◆ I/O Interface  
3 x RS-232 1 x RS-422/485  
4 x USB 2.0 1 x IDE  
1 x LPT 1 x CF Type II
- ◆ Expansion  
PC/104 (ISA Bus)
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Super I/O  
SMSC 3114
- ◆ Display Interface  
VGA Integrated in AMD Geode™ LX800  
24-bit TTL  
18-bit single channel LVDS
- ◆ Audio  
AC'97 codec with Realtek ALC203
- ◆ Watchdog Timer  
Software programmable supports 1 ~255 sec. system reset
- ◆ Power Supply  
5V only, AT/ATX support
- ◆ Power Consumption  
5V@1.34A (AMD® Geode™ LX800 (500MHz) CPU with 256MB on-board memory)
- ◆ Temperature  
0°C ~+60°C for WAFER-LX3-800  
-40°C ~+85°C for WAFER-LX3-800W
- ◆ Humidity  
Operating: 5% ~95% non-condensing
- ◆ Dimensions : 146 mm x 102 mm
- ◆ Weight: GW: 600g / NW: 160g

## Packing List

1 x WAFER-LX3 single board computer	
1 x IDE flat cable 44p/44p (P/N: 32200-000009-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 Audio cable (P/N: 32000-072100-RS)	1 x Mini jumper pack
1 x Utility CD	1 x QIG

## Ordering Information

Part No.	Description
WAFER-LX3-800-256MB-R20	3.5" SBC with AMD® Geode™ LX800 Processor, VGA/LVDS/TTL, Dual LAN, USB 2.0, Audio, on-board 256MB memory
WAFER-LX3-800W-256MB-R20	3.5" SBC with AMD® Geode™ LX800 (500MHz) Processor, VGA/LVDS/TTL, Dual LAN, USB 2.0, Audio, on-board 256MB memory and wide operating temperature (-40°C~+85°C)
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