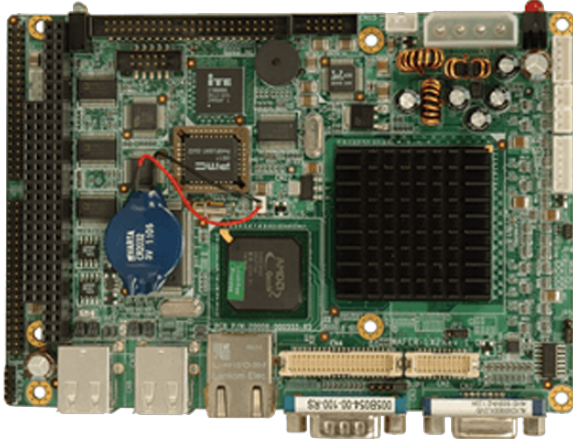


# WAFER-LX2

3.5" SBC with AMD Geode™ LX 800 Processor



## Features

- » 3.5" form factor with AMD Geode™ LX 800 CPU
- » One 333/400 MHz DDR SO-DIMM socket supports up to 1 GB 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

|                          |  |
|--------------------------|--|
| System                   |  |
| CPU                      | AMD Geode™ LX 800(5000 MHz)  |
| Chipset                  | AMD CS5536   |
| Memory                   | One 200-pin 400/333MHz DDR SDRAM SODIMM  |
| Memory Max.              | 1GB  |
| Physical Characteristics |  |
| Dimensions (LxWxH) (mm)  | 146 X 102  |
| Net Weight               | 230  |
| Storage                  |  |
| Storage                  | Description: :1 x IDE (2 x 22 pin, P=2.0)                                      |
|                          | 1 x CF Type II Card  |
| I/O Interface            |  |
| Display Output           | 1 x VGA :up to 1920x1440@60Hz  |
|                          | 1 x TTL :24-bit single-channel (up to 1600x1200@60Hz)                          |
|                          | 1 x LVDS :18-bit singel-channel (up to 1280x1024@60Hz)                         |
| Ethernet                 | LAN :10/100Mbps RTL8100C Ethernet Controller                                   |
| Audio                    | Description: :Realtek ALC203 with AC`97 codec                                  |
| I/O Interface            | 1 x External RS-232  |
|                          | 6 x Internal RS-232 :2x5 pin, P=2.0  |
|                          | 1 x Internal RS-232/422/485 :2x7 pin, p=2.0                                    |
|                          | 4 x External USB 2.0   |
| Expansion                | 1 x PC/104 :ISA Bus  |
| Power                    |  |
| Power Consumption        | 5V@1.33A (AMD Geode™ LX 800 with one 1GB 400MHz DDR memory)                    |
| Power Supply             | 5V only DC input, 1 x internal power connector *1 x 4 pin),support AT/ATX mode |
| Environment              |  |
| Operating Temperature    | 0°C ~ 60°C   |
| Storage Temperature      | -10°C ~ 70°C   |
| Humidity                 | 5% ~ 95%, non-condensing   |

|                |                  |
|----------------|------------------|
| Certifications |                  |
| Safety & EMC   | CE/FCC compliant |

## Ordering Information

|                   |   |
|-------------------|---|
| WAFER-LX2-800-R12 | 3.5" SBC with AMD LX800 Processor,VGA/LCD,USB2.0,8 COM And Audio,RoHS |
|-------------------|---|

## Packing List

|                                     |                               |
|-------------------------------------|-------------------------------|
| 1 x WAFER-LX2 single board computer | 1 x Mini jumper pack          |
| 1 x Audio cable                     | 1 x IDE flat cable 44p/44p    |
| 1 x QIG                             | 2 x Quad RS-232 adapter cable |