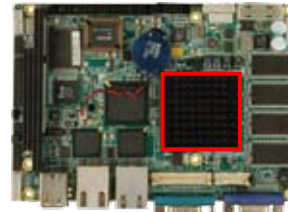
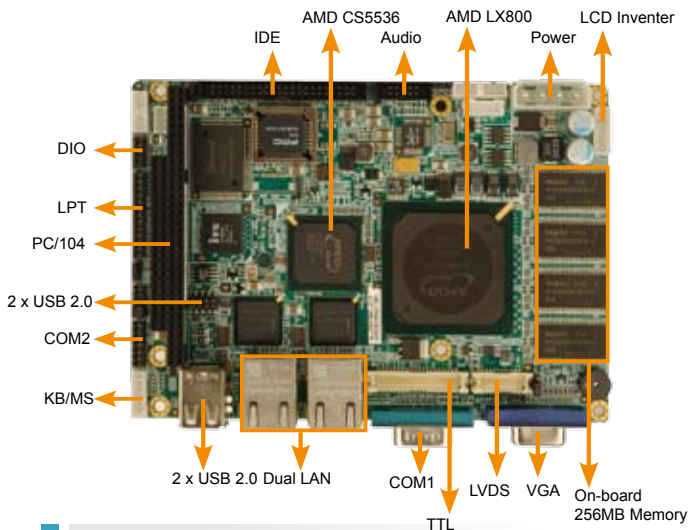
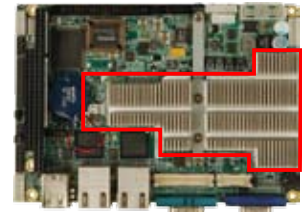


# WAFER-LX3

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 :**  
-20°C ~ +80°C operating temperature



**IEI Extreme working environment design !!!**  
Wide Temperature : -20°C ~ + 80°C Support



## Specifications

- ◆ CPU  
On board AMD® Geode™ LX800(500MHz) processor
- ◆ System Chipsets  
AMD® Geode™ LX800 + CS5536
- ◆ BIOS  
Award BIOS
- ◆ System Memory  
On board 256MB DDR SDRAM Supported, optional 128MB
- ◆ Ethernet  
Dual 10/100 Mbps Intel® 82551ER controller
- ◆ I/O Interface  
2 x RS-232  
1 x RS-422/485  
4 x USB 2.0  
1 x IDE  
1 x LPT
- ◆ Expansion  
PC/104 (ISA Bus)
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Infrared Interface  
N/A
- ◆ Super I/O  
Winbond W83627EHG
- ◆ Display Interface  
VGA Integrated in AMD Geode™ LX800  
24-bit TTL  
18-bit single channel LVDS
- ◆ Audio  
AC'97 codec with Realtek ALC203
- ◆ SSD  
CF type I/II
- ◆ Watchdog Timer  
Software programmable supports 1 ~255 sec. system reset
- ◆ Power Supply  
AT/ATX support
- ◆ Power consumption  
5V@1.34A  
(AMD Geode LX800 (500MHz) CPU with 256MB on-board memory)
- ◆ Temperature  
Operating: 0°C ~+60°C for WAFER-LX3-800  
-20°C ~+80°C for WAFER-LX3-800W
- ◆ Humidity  
Operating: 5% ~95% non-condensing
- ◆ Dimension  
146 mm x 102 mm
- ◆ Weight

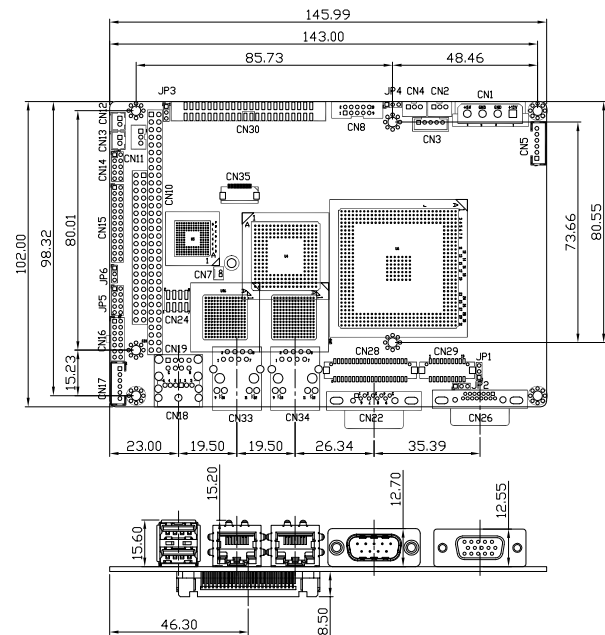
## Packing List

- 1 x WAfer-LX3 Single Board Computer
- 1 x Mini Jumper Pack
- 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: 32000-070300-RS)
- 1 x Audio cable (P/N: 32000-072100-RS)
- 1 x Utility CD
- 1 x QIG

## Features

- 3.5" Form Factor with AMD Geode™ LX800 (500MHz) CPU
- On-board DDR256MB memory
- VGA, 24-bit TTL, 18-bit LVDS Display Interface
- 2 x RS-232 and 1 x RS-422/485
- Supports wide operating temperature

## Dimensions (mm)



## Ordering Information

Part No.	Description
WAFER-LX3-800-R10	3.5" SBC with AMD Geode LX800 Processor, VGA/LVDS/TTL, Dual LAN, USB 2.0, Audio, on-board 256MB memory
WAFER-LX3-800W-R10	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 (-20°C~+80°C)
WAFER-LX3-CE060	Windows® CE 6.0 Image & BSP S/W CD, Licensed Sticker (w/o CPU board)
WAFER-LX3-CE050	Windows® CE 5.0 Image & BSP S/W CD, Licensed Sticker (w/o CPU board)
WAFER-LX3-XPE	Windows® XP Embedded Image & SLD S/W CD, Licensed Sticker (w/o CPU Board)
32200-015100-RS	LPT Cable

1  
Application  
Server  
Platform

2  
Single  
Board  
Computer

3  
IBX Series  
POS PC

4  
AFOLUX  
POS  
Panel PC

5  
Video  
Capture  
Card

6  
KAMIO  
RISC

7  
IOVU  
Open HMI

8  
VITO  
Universal  
Controller

9  
DINO  
BLADE

10  
LCD  
Product  
Series

11  
Embedded  
System

12  
Industrial  
Computer  
Chassis

13  
Power  
Supply

14  
Peripherals