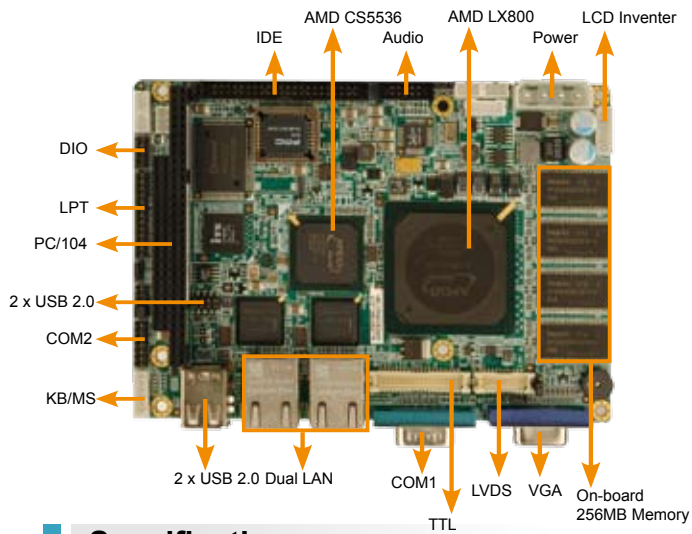


WAFER-LX3

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



Specifications

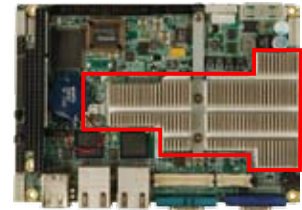
- ◆ CPU
On board AMD® Geode™ LX800(500MHz) processor
- ◆ System Chipsets
AMD® Geode™ LX800 + CS5536
- ◆ BIOS
Award BIOS
- ◆ System Memory
On board 256MB DDR SDRAM Supported, optional 128MB
- ◆ Ethernet
Dual 10/100 Mbps Intel® 82551ER controller
- ◆ I/O Interface
2 x RS-232
1 x RS-422/485
4 x USB 2.0
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

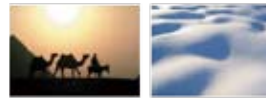
- 1 x WAFER-LX3 Single Board Computer
- 1 x Mini Jumper Pack
- 1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS)
- 1 x RS-232/422/485 cable (P/N: 32200-026500-RS)
- 1 x KB/MS Y cable (P/N: 32000-023800-RS)
- 1 x USB cable (P/N: 32000-070300-RS)
- 1 x Audio cable (P/N: 32000-072100-RS)
- 1 x Utility CD
- 1 x QIG



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



WAFER-LX3-800W :
-20°C ~ +80°C operating temperature



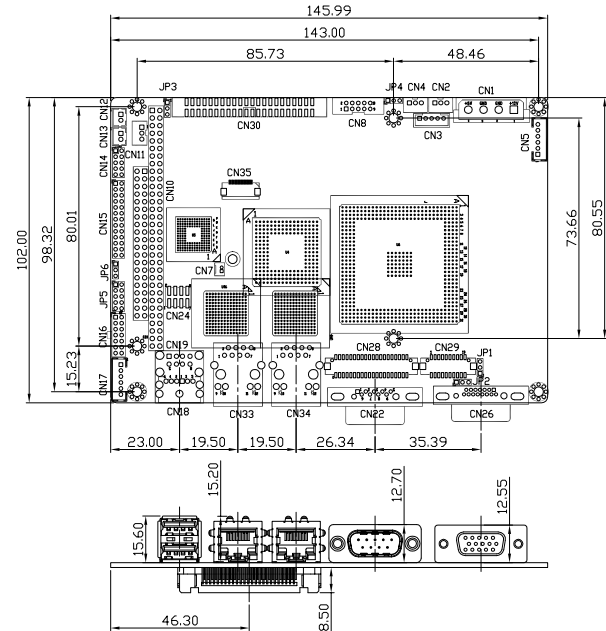
IEI Extreme working environment design !!!
Wide Temperature : -20°C ~ + 80°C Support



Features

1. 3.5" Form Factor with AMD Geode™ LX800 (500MHz) CPU
2. On-board DDR256MB memory
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

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