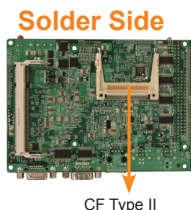
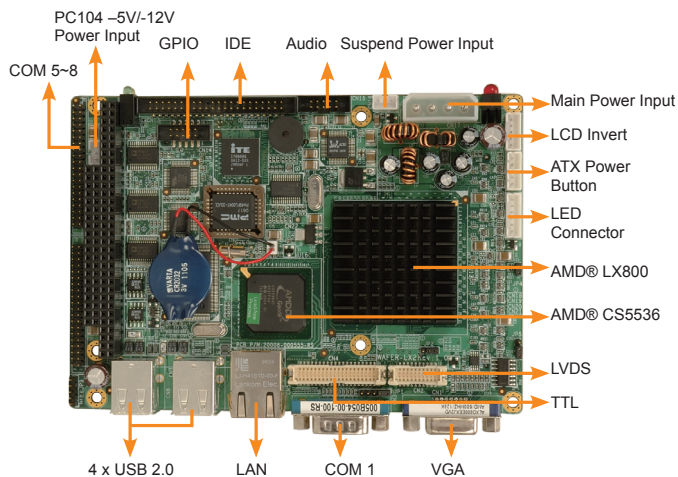


WAFER-LX2

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



WAFER-LX/LX2 Comparison

I/O Interface	WAFER-LX	WAFER-LX2
LAN	2 x RTL8100C	1 x RTL8100C
COM	RS232	2
	RS422/485	1
SATA	2	None
KB/MS	Pin Header	USB/PS2
		USB



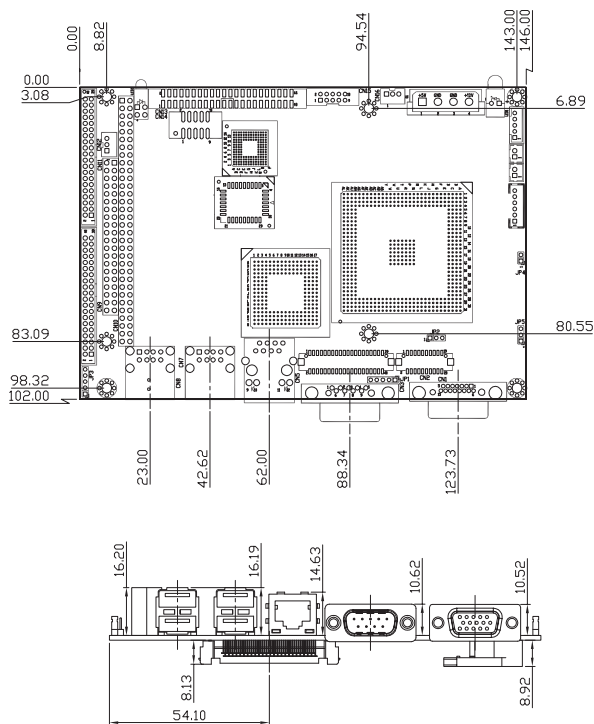
Specifications

- ◆ **CPU**
AMD® Geode LX800 500MHz processor
- ◆ **System Chipset**
AMD® Geode LX800 + AMD® CS5536
- ◆ **BIOS**
Award BIOS
- ◆ **System Memory**
1 x 200-pin SO-DIMM DDR 333/400MHz up to 1GB
- ◆ **Ethernet**
10/100Mbps Single RTL8100C Ethernet chipsets
- ◆ **I/O Interface**
8 x RS-232
1 x RS-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
- ◆ **IrDA**
1 x IrDA by pin header
- ◆ **Super I/O**
N/A for legacy free
- ◆ **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**
Operation: 0°C ~ 60°C (32°F~ 140°F)
- ◆ **Humidity**
Operation: 5% ~95 non-condensing
- ◆ **Dimensions**
146mm x 102mm
- ◆ **Weight**
GW: 670g / NW: 230g

Features

1. 3.5" form factor with AMD® LX800 CPU
2. DDR 333/400MHz SO-DIMM Socket up to 1GB
3. VGA, 24-bit TTL, 18-bit LVDS display interface
4. 8 x RS-232 and 1 x RS-422/485

Dimensions



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 (Quick Installation Guide)

Ordering Information

Part No.	Description
WAFER-LX2-800-R10	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-422/485
IO-KIT-4COM-R10	4 COM Ports Adapter Board
WAFER-LX2-XPE	Windows XP Embedded Image & SLD S/W CD, Licensed Sticker (w/o CPU Board)