ECW–181BLX2–WD

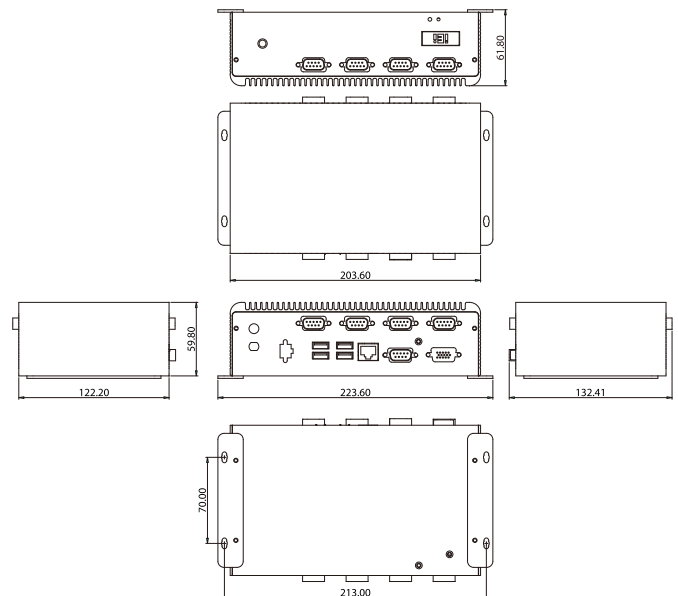*AMD® LX-800 Fanless Embedded System with 2.5" HDD*

Features

◆ AMD® Geode LX 800 500 MHz fanless system
◆ Flexible mounting support for DIN, VESA and wall mount
◆ Seven RS-232 port and one RS-232/422/485 port
◆ Support for one 2.5" hard drive

Fanless

Specifications

SBC	WAFER-LX2
Processor	AMD® Geode LX 800 500MHz
Chipset	AMD® Geode LX 800 + AMD® CS5536
System Memory	One 200-pin 333/400MHz DDR SDRAM SO-DIMM supported (system max.1GB, built-in 256MB)
Ethernet	1 x 10/100Mbps RTL8100C
Display	CRT interface integrated in AMD® Geode LX800, with one VGA port
USB	4 x USB 2.0
Serial Port*	7 x RS-232, 1 x RS-232422/485 (selectable by jumper)
Storage	1 x 2.5" IDE drive bay
Power Input	9 VDC ~ 36 VDC in by terminal block and DC jack
Chassis Construction	Aluminum alloy + heavy duty metal
Operating Temperature	0~45°C
Operating shock	Half-sine wave shock 3G; 11 ms; 3 shocks per axis
Operating Vibration	MIL-STD-810F 514.5C-1
Weight (Net/Gross)	1.4 kg / 3.2kg
Dimensions (DxWxH)	122.2 mm x 203.6 mm x 59.8 mm
Mounting	Wall mount, DIN mount, VESA 75

Dimensions (unit: mm)

61.80

203.60

122.20 | 59.80 | 223.60 | 132.41

70.00

213.00

Packing List

1 x QIG
1 x Screw set
2 x Wall brackets
1 x DIN mount kit
1 x Driver CD
1 x Manual CD

Flexible Mounting

VESA 75 Mount

Wall Mount

DIN Mount
With optional DIN mount kit

Hard Drive Installation

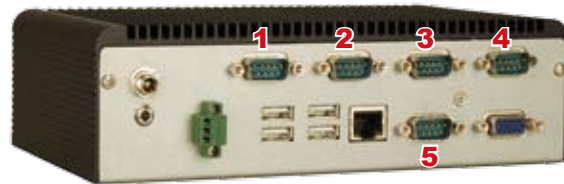The 2.5" hard drive of ECW-181BLX2-WD can be installed or replaced by opening the top cover of the enclosure.

2.5" Hard Drive Bracket
IDE interface only

Serial Port Support Limitation

When using Windows CE, the ECW-181BLX2-WD can only support 4 serial ports.

Windows XP / 2000	Windows XP Embedded	Windows CE 5.0
8 x RS-232 or 7 x RS-232 + 1 x RS-422/485	8 x RS-232 or 7 x RS-232 + 1 x RS-422/485	4 x RS-232 or 3 x RS-232 + 1 x RS-422485

Working COM port map under Windows CE
• 4 x RS-232
  Port 1,2,3,5
• 3 x RS-232 + 1 x RS-422/485
  Port 1,2,4,5
  Port 4 activated as RS-422/485

Ordering Information

Part No.	Description
ECW-181BLX2-WD/256MB	Fanless embedded system with WAFER-LX2, AMD® Geode LX 800 500 MHz CPU, with 256 MB DDR memory, 9 VDC ~ 36 VDC in, 45 W AC power supply, black, RoHS