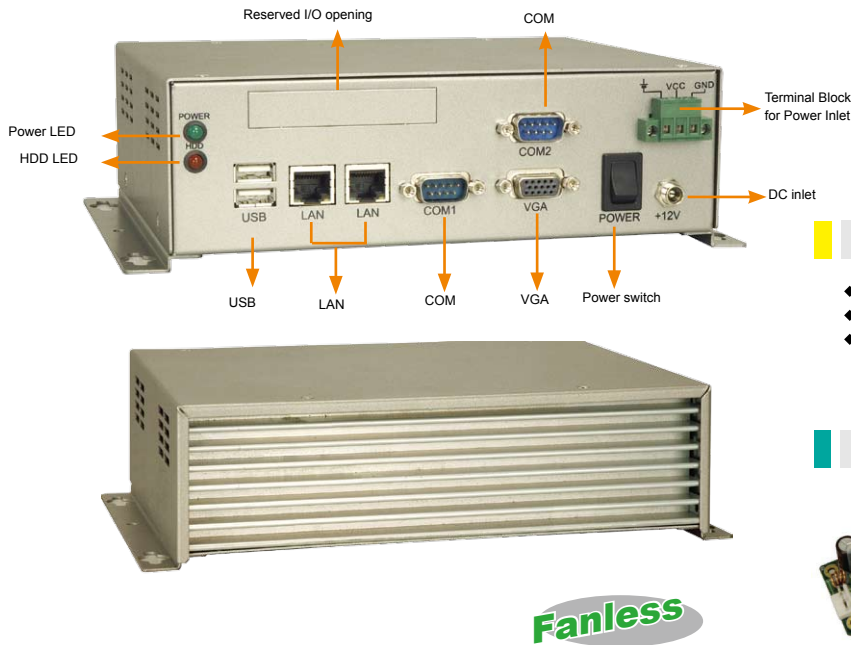


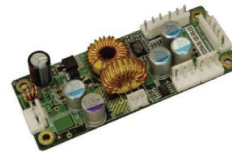
ECW-180B / 181B 3.5" WAFER Series Fanless Embedded System With CompactFlash Slot only



Features

- ◆ Fanless solutions with AMD® and VIA® processors
- ◆ Quiet operation with heat pipe thermal control
- ◆ Easily accessible CompactFlash card opening at the bottom

9~36VDC Input



IDD-936260A
 Input Range: 9 VDC to 36 VDC
 Output: 12 V @ 3 A (Max.)
 5 V @ 10 A (Max.)
 5 VSB @ 0.5 A (Max.)

Specifications

Model No.	ECW-180BS1-R12/256MB	ECW-180BS2-R12/256MB	ECW-181BS1-R12/256MB	ECW-181BS2-R12/256MB
Mainboard	WAFER-LX	WAFER-GX	WAFER-LX	WAFER-GX
CPU	AMD® Geode® LX 800 500 MHz	AMD® Geode® GX 466 333 MHz	AMD® Geode® LX 800 500 MHz	AMD® Geode® GX 466 333 MHz
System Chipset	AMD® CS5536	AMD® CS5536	AMD® CS5536	AMD® CS5536
System Memory	One 200-pin 333/400MHz DDR SDRAM SO-DIMM supported (system max.1GB, built-in 256MB)	One 200-pin 266MHz DDR SDRAM SO-DIMM supported (system max. 512 MB, built-in 256MB)	One 200-pin 333/400MHz DDR SDRAM SO-DIMM supported (system max.1GB, built-in 256MB)	One 200-pin 266MHz DDR SDRAM SO-DIMM supported (system max. 512 MB, built-in 256MB)
Ethernet	dual 10/100BASE-T RTL8100C	dual 10/100BASE-T RTL8100C	dual 10/100BASE-T RTL8100C	dual 10/100BASE-T RTL8100C
Display	CRT interface integrated in AMD® Geode LX800, with one VGA port	CRT interface integrated in AMD® Geode GX466, with one VGA port	CRT interface integrated in AMD® Geode LX800, with one VGA port	CRT interface integrated in AMD® Geode GX466, with one VGA port
USB	2 x USB 2.0 compliant	2 x USB 2.0 compliant	2 x USB 2.0 compliant	2 x USB 2.0 compliant
Serial Port	Two RS-232			
Storage	Compact flash socket for CompactFlash Type I/II disks		Compact Flash socket for CompactFlash Type I/II disks 1 x 2.5" HDD (optional)	
Chassis Construction	Heavy duty metal			
System Cooling	Fanless with heatsink and heat pipe			
Power Supply	Internal DC-to-DC power converter, input voltage: 12VDC. WD series input voltage: 9 VDC ~ 36 VDC External power adaptor, input voltage: 90 VAC ~ 240 VAC @ 50 ~ 60 Hz, 45 W			
Operating Shock	3G acceleration peak to peak (11ms)			
Operating Vibration	MIL-STD-810F 514.5C-1			
Operating Temperature	With industrial grade CompactFlash: 0~50°C, with hard drive: 0~45°C			
Operation Humidity	10% ~ 90%			
Color	S: Silver grey			
Weight (Net/Gross)	1.8 kg / 2.2 kg		2.3 kg / 3.2 kg	
Dimensions (DxWxH)	163 mm x 200 mm x 60 mm		178 mm x 230 mm x 60 mm	
EMC	Meets FCC Class A, CE			

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 RISC-Based Embedded Solutions

4 Industrial Data Collector/Server Solutions

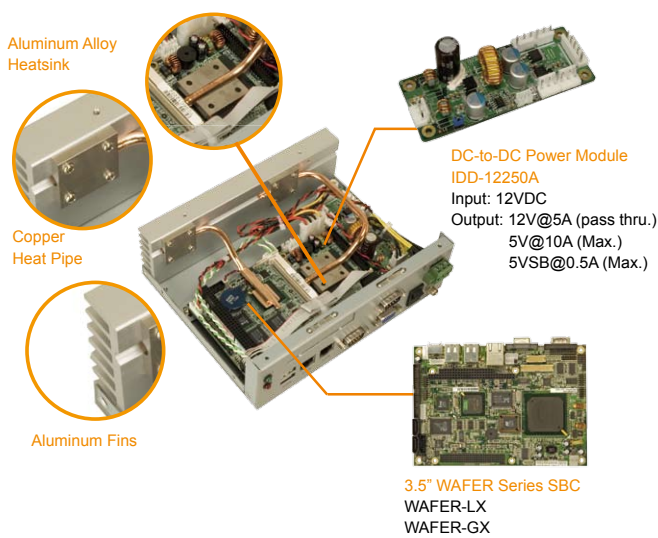
5 Video Capture Solutions

6 I/O Communication Solutions

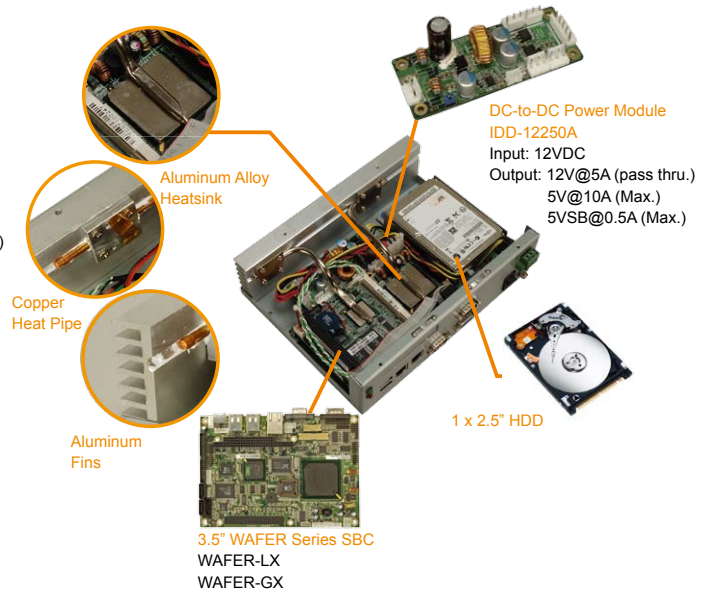
7 Panel Solutions

8 Power Supply/Network Communication/Peripherals

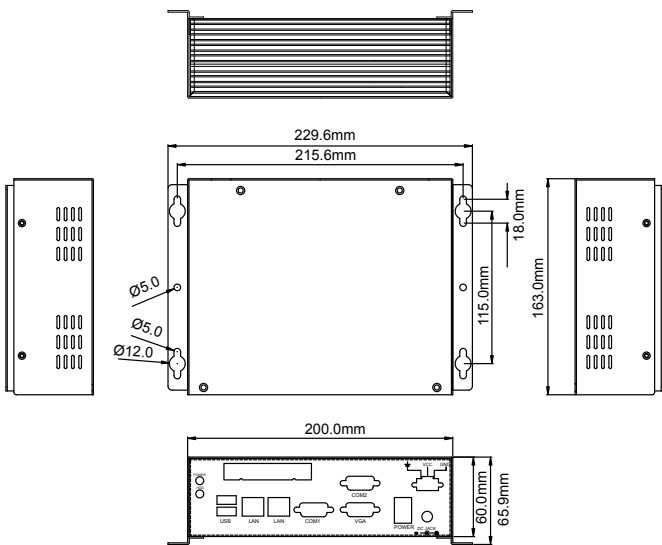
Internal Structure of ECW-180B



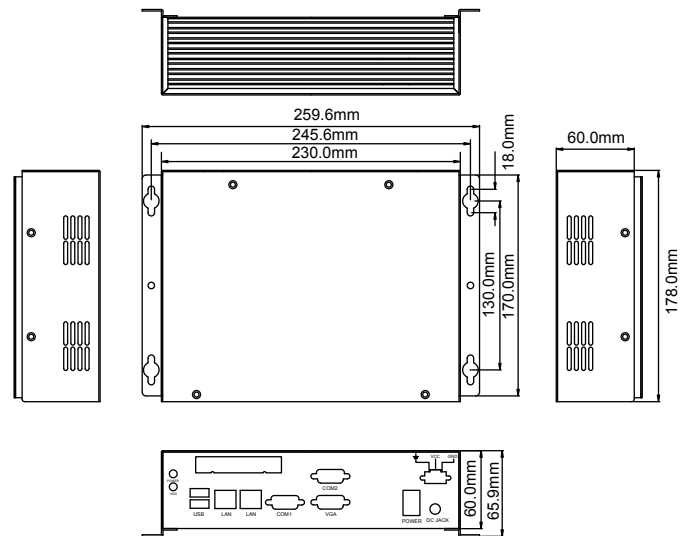
Internal Structure of ECW-181B



Dimensions of ECW-180B



Dimensions of ECW-181B



Ordering Information

DC 12V input

Part No.	Description
ECW-180BS1-R12/256MB	CF only embedded system with WAFER-LX, AMD Geode LX-800 500MHz CPU, 256MB DDR memory, fanless, 12VDC in, silver grey, RoHS
ECW-180BS2-R12/256MB	CF only embedded system with WAFER-GX, AMD Geode GX-466 333MHz CPU, 256MB DDR memory, fanless, 12VDC in, silver grey, RoHS
ECW-181BS1-R12/256MB	Embedded system with WAFER-LX, AMD Geode LX-800 500MHz CPU, 256MB DDR memory, fanless, 12VDC in, silver grey, RoHS
ECW-181BS2-R12/256MB	Embedded system with WAFER-GX, AMD Geode GX-466 333MHz CPU, 256MB DDR memory, fanless, 12VDC in, silver grey, RoHS

DC 9V~36V input

Part No.	Description
ECW-180BS1WD-R12/256MB	CF only embedded system with WAFER-LX, AMD Geode LX-800 500MHz CPU, 256MB DDR memory, fanless, DC 9~36V input, silver grey, RoHS
ECW-180BS2WD-R12/256MB	CF only embedded system with WAFER-GX, AMD Geode GX-466 333MHz CPU, 256MB DDR memory, fanless, DC 9~36V input, silver grey, RoHS
ECW-181BS1WD-R12/256MB	Embedded system with WAFER-LX, AMD Geode LX-800 500MHz CPU, 256MB DDR memory, fanless, DC 9~36V input, silver grey, RoHS
ECW-181BS2WD-R12/256MB	Embedded system with WAFER-GX, AMD Geode GX-466 333MHz CPU, 256MB DDR memory, fanless, DC 9~36V input, silver grey, RoHS

*9 VDC ~ 36 VDC input models do not include AC-DC power adapter in package.

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