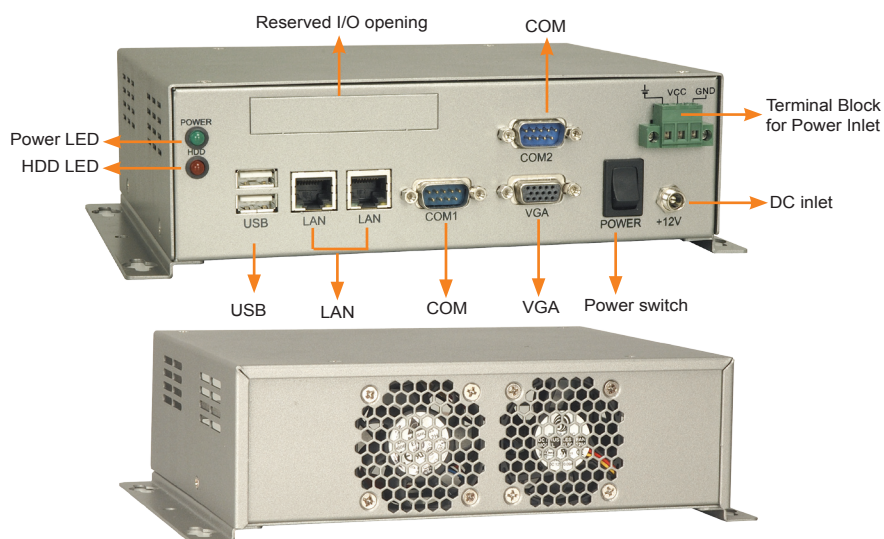


# ECW-180A

IEI WAFER Series Embedded System  
With Compact Flash Slot only



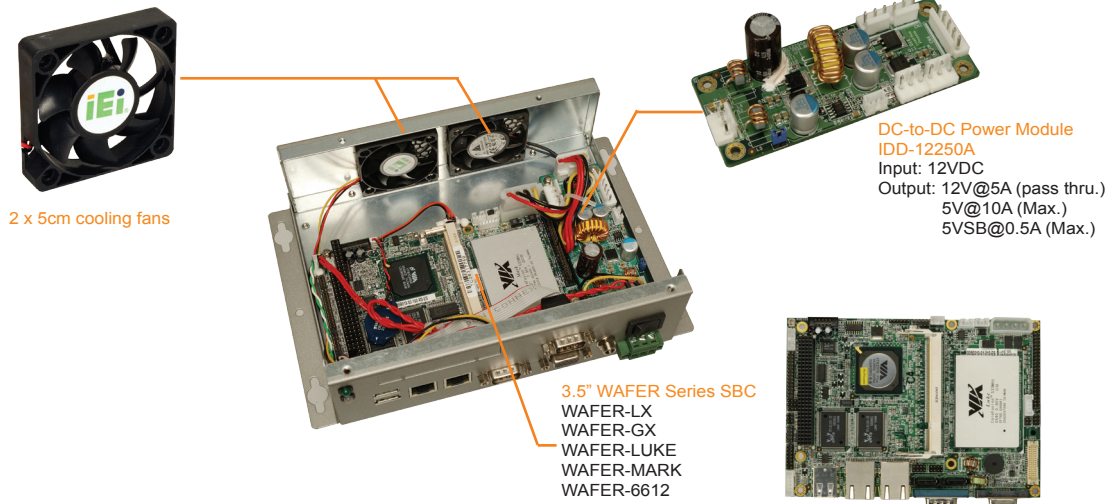
## Features

- ◆ RoHS compliant design
- ◆ built-in DC-to-DC power converter
- ◆ Intel®, VIA®, AMD® solutions available
- ◆ Easy-accessible CF openings at the bottom
- ◆ 2 x 5cm ball bearing cooling fans

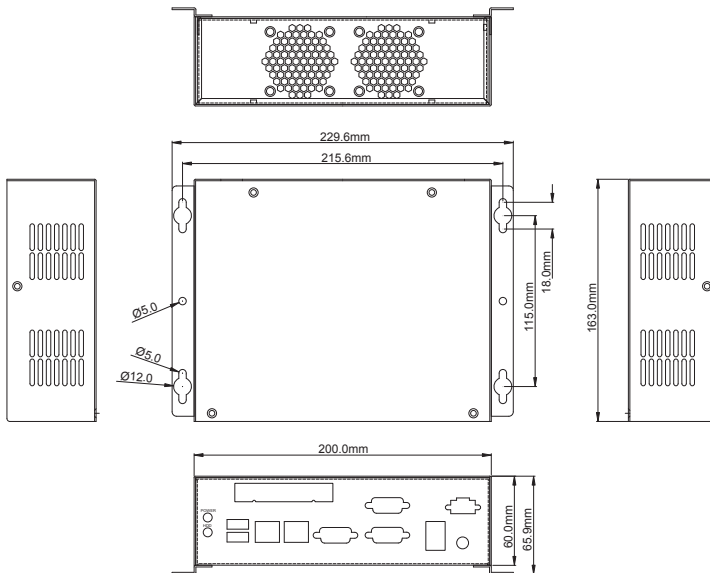
## Specifications

◆ Model No.	ECW-180AS1	ECW-180AS2	ECW-180AS3	ECW-180AS4	ECW-180AS5X	ECW-180AS5S
◆ Mainboard	WAFER-LX	WAFER-GX	WAFER-LUKE	WAFER-MARK	WAFER-6612	WAFER-6612
◆ CPU	AMD® Geode® LX800 500MHz	AMD® Geode® GX466 333MHz	VIA® LUKE® 1GHz	VIA® MARK® 800MHz	Intel® Celeron® M 1.5GHz	Socket 479 Intel® Pentium® M/Celeron® M CPU up to 2GHz 400/533 MHz FSB
◆ System Chipset	AMD® CS5536	AMD® CS5536	VIA® VT8237R+	VIA® VT82C686B	SiS 661CX + SiS 964	SiS 661CX + SiS 964
◆ System Memory	1 x 200-pin DDR 333/400MHz SO-DIMM SDRAM socket support up to 1GB	1 x 200-pin DDR 266MHz SO-DIMM SDRAM socket support up to 1GB	1 x 200-pin DDR 333/400MHz SO-DIMM SDRAM socket support up to 1GB	1x 144-pin PC100/133MHz SO-DIMM SDRAM socket support up to 512MB	1 x DDR 200-pin 333/400MHz SO-DIMM SDRAM socket support up to 1GB	1 x DDR 200-pin 333/400MHz SO-DIMM SDRAM socket support up to 1GB
◆ Ethernet	10/100Base-T dual RTL8100C	10/100Base-T dual RTL8100C	10/100/1000Base-T dual RTL8110S	10/100Base-T dual RTL8100C	10/100/1000Base-T RTL8110S	10/100/1000Base-T RTL8110S
◆ Display	CRT integrated in AMD® Geode LX800	CRT integrated in AMD® Geode GX466	CRT integrated in VIA® LUKE 1G	CRT integrated in VIA® MARK 800	CRT integrated in SiS® 661CX	CRT integrated in SiS® 661CX
◆ USB	2 x USB 2.0 compliant	2 x USB 2.0 compliant	2 x USB 2.0 compliant	2 x USB 1.1 compliant	2 x USB 2.0 compliant	2 x USB 2.0 compliant
◆ Expansion	1 x PC/104	1 x PC/104	1 x PCI/104	1 x PC/104	1 x PCI/104	1 x PCI/104
◆ Storage	Compact Flash socket for type I/II CompactFlash disk					
◆ Chassis Construction	Heavy duty metal					
◆ System Cooling	2 x 5cm two ball bearing fan					
◆ Power Supply	Internal DC-to-DC power converter, input voltage: 12V DC. WD series input voltage: 9~36V DC External power adaptor, input voltage: 90VAC ~ 240VAC@50~60Hz, 45W For ECW-180AS5 90 VAC~240VAC@50~60Hz, 60W					
◆ Operating Shock	3G acceleration peak to peak (11ms)					
◆ Operating Vibration	MIL-STD-810F 514.5C-1					
◆ Operating Temperature	0~50°C (with industrial grade compact flash)					
◆ Operation Humidity	10% ~ 90%					
◆ Color	S: Silver grey					
◆ Weight (Net/ Gross)	1.4 kg / 2.2 kg					
◆ Dimensions (DxWxH)	163mm x 200mm x 60mm					
◆ EMC	meet FCC Class A, CE					

## Internal Structure of ECW-180A



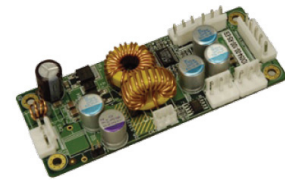
## Dimensions



## ECW-180A with 9~36VDC Input

### IDD-936260A

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



### 45W Power Adaptor

Input Range: 90~240VAC  
Output: 12V@3.75A(Max.)

### 60W Power Adaptor for ECW-180AS5 only

Input Range: 90~240VAC  
Output: 12V@5A(Max.)



## Ordering Information

### DC 12V input

Part No.	Description
ECW-180AS1	CF only embedded system with WAFER-LX, AMD® Geode LX-800 500MHz CPU, with fan, DC 12V input, silver grey, RoHS
ECW-180AS2	CF only embedded system with WAFER-GX, AMD® Geode GX-466 333MHz CPU, with fan, DC 12V input, silver grey, RoHS
ECW-180AS3	CF only embedded system with WAFER-LUKE, VIA® LUKE 1GMHz CPU, with fan, DC 12V input, silver grey, RoHS
ECW-180AS4	CF only embedded system with WAFER-MARK, VIA® MARK 800MHz CPU, with fan, DC 12V input, silver grey, RoHS
ECW-180AS5X	CF only embedded system with WAFER-6612, Intel® Celeron® M 1.5GHz CPU, with fan, DC 12V input, silver grey, RoHS
ECW-180AS5S	CF only embedded system with WAFER-6612, Socket 479 Intel® Pentium® M/Celeron® M CPU up to 2GHz, 400/533 MHz FSB, with fan, DC 12V input, silver grey, RoHS

### DC 9~36V input

Part No.	Description
ECW-180AS1WD	CF only embedded system with WAFER-LX, AMD Geode LX-800 500MHz CPU, with fan, DC 9~36V input, silver grey, RoHS
ECW-180AS2WD	CF only embedded system with WAFER-GX, AMD Geode GX-466 333MHz CPU, with fan, DC 9~36V input, silver grey, RoHS
ECW-180AS3WD	CF only embedded system with WAFER-LUKE, VIA LUKE 1GHz CPU, with fan, DC 9~36V input, silver grey, RoHS
ECW-180AS4WD	CF only embedded system with WAFER-MARK, VIA MARK 800MHz CPU, with fan, DC 9~36V input, silver grey, RoHS
ECW-180AS5XWD	CF only embedded system with WAFER-6612, Intel Celeron M 1.5GHz CPU, with fan, DC 9~36V input, silver grey, RoHS
ECW-180AS5SWD	CF only embedded system with WAFER-6612, Socket 479 Intel® Pentium® M/Celeron® M CPU up to 2GHz, 400/533 MHz FSB, with fan, DC 9~36V input, silver grey, RoHS