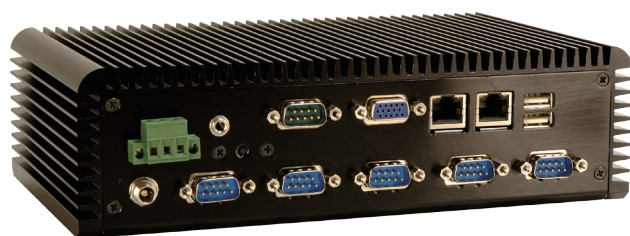
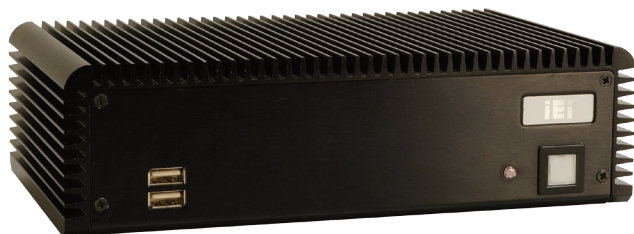


ECW-281B-ATOM

**Fanless Intel® Atom™ Processor
Embedded System**



Features

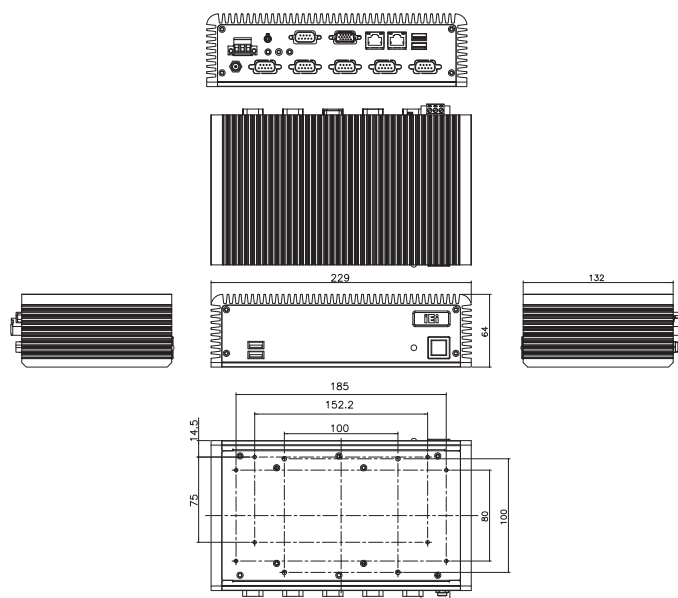
- ◆ Intel® Atom™ Processor N270 1.6GHz fanless system
- ◆ Four USB 2.0, six COM ports for peripheral devices
- ◆ Dual GbE LAN Ideal for high speed network application
- ◆ Storage support for both CompactFlash and SATA hard drive
- ◆ 12 VDC, 9 VDC - 36 VDC input models available

Fanless

Specifications

Model No.	ECW-281B-ATOM	ECW-281B-ATOM-W
SBC	WAFER-ATOM	
Processor	Intel® Atom™ Processor N270 1.6GHz with 533 FSB	
Chipset	Intel® 945GSE + Intel® 82801GBM/ICH7M	
System Memory	200-pin 1GB DDR2 SDRAM SO-DIMM	
Ethernet	Dual Realtek RTL8111CP GbE controllers	Dual Realtek RTL8110SC GbE Built-in 802.11b/g wireless
Display	CRT interface integrated in 945GSE with one VGA port	
USB	4 x USB 2.0	
Serial Port	6 x RS-232	
Audio	1 x speaker out	
Storage	1 x 2.5" SATA HDD capacity, 1 x internal CompactFlash slot	
Power Input	12VDC in with DC jack and 3 pin terminal Block WD series input voltage: 9V~36VDC	
Power Consumption	19W	
Chassis Construction	Aluminum Alloy	
Operating Temperature	-10°C~50°C with hard drive -10°C~60°C with CompactFlash	
Operating shock	Half-sine wave shock 3G; 11ms; 3 shocks per axis	
Operating Vibration	MIL-STD-810F 514.5C-1 (HDD) MIL-STD-810F 514.5C-2 (CompactFlash)	
Weight (Net/Gross)	2.1kg / 3.9 kg	
Dimensions (DxWxH)	132mm x 229mm x 64mm	
Mounting	DIN mount, VESA 100 wall mount	
EMC/Safety	CE, FCC class A	

Dimensions (unit: mm)



Packing List

1 x QIG	1 x user manual CD
1 x screw set	1 x power adaptor (optional for WD models)
2 x wall mounting brackets	1 x power cord (optional for WD models)
1 x Hard drive thermal pad	1 x 2dbi wireless antenna (for wireless model only)
1 x driver CD	

1
Industrial
Computing
Solution

2
Embedding
Computing
Solution

3
RISC-Based
Embedded
Solution

4
Video
Surveillance
Solution

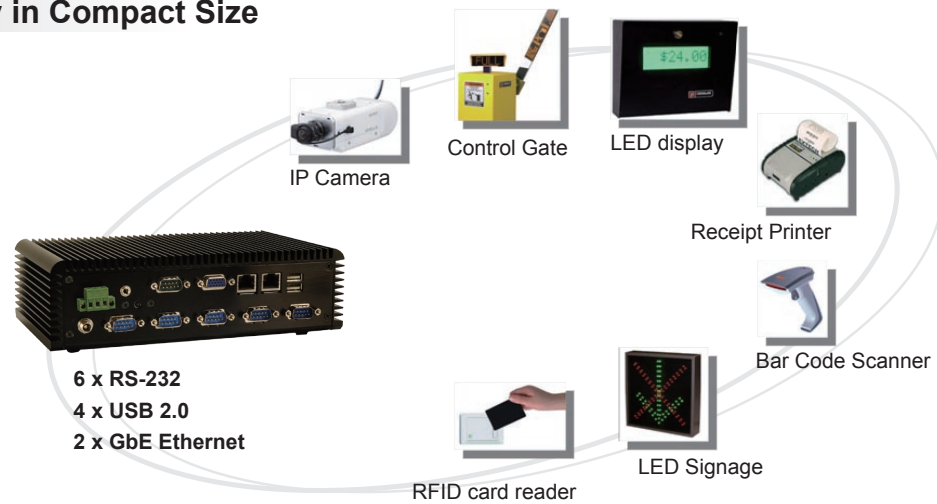
5
Industrial
Data
Collection

6
Industrial
Automation

7
Panel
Solutions

8
Peripheral

Extension Friendly in Compact Size



1
Industrial
Computing
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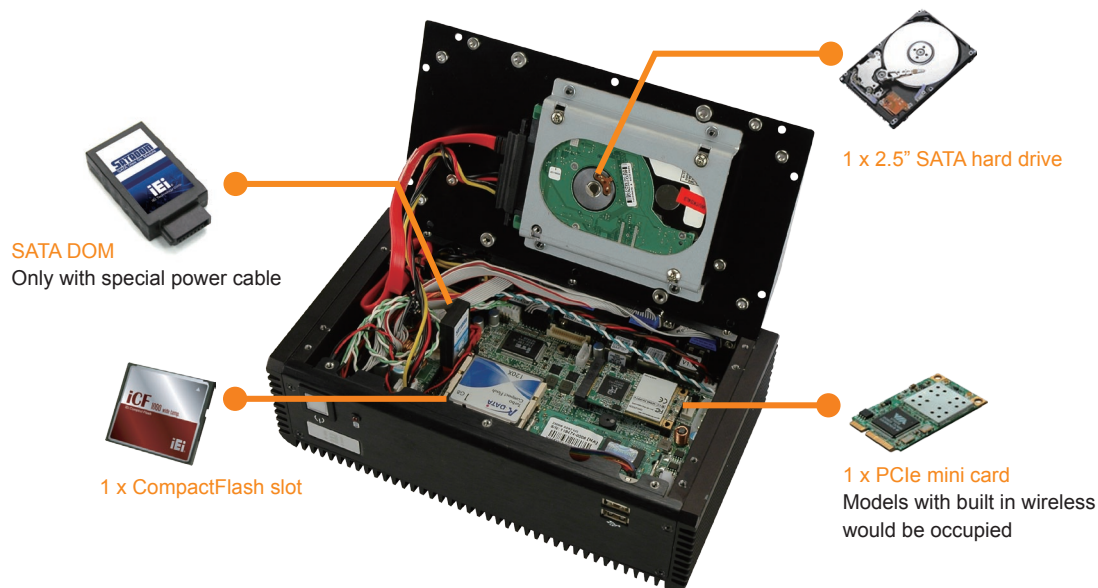
5
Industrial Data
Collection

6
Industrial
Automation

7
Panel
Solutions

8
Peripheral

Storage & Expansions



Ordering Information

12VDC input

Part No.	Description
ECW-281B-ATOM-R10/1GB	Fanless embedded system with Intel® Atom™ Processor N270 1.6GHz CPU, 945GSE, built-in 1GB DDR2 memory, 12VDC in, with 60W power adaptor, black, RoHS
ECW-281B-ATOM-W-R10/1GB	Fanless embedded system with Intel® Atom™ Processor N270 1.6GHz CPU, 945GSE, built-in 802.11b/g wireless, with 1GB DDR2 memory, with 60W adaptor, 12VDC in, black, RoHS

9~36VDC input

Part No.	Description
ECW-281BWD-ATOM-R10/1GB	Fanless embedded system with Intel® Atom™ Processor N270 1.6GHz CPU, 945GSE, built-in 1GB DDR2 memory, 9-36VDC in, black, RoHS
ECW-281BWD-ATOM-W-R10/1GB	Fanless embedded system with Intel® Atom™ Processor N270 1.6GHz CPU, 945GSE, built-in 802.11b/g wireless, with 1GB DDR2 memory, 9-36VDC in, black, RoHS

Embedded OS

Part No.	Description
ECWCF-281B-ATOM-XPE	Windows XP Embedded OS image, for ECW-281B-ATOM, with 1GB compactFlash memory card, RoHS
ECWCF-281B-ATOM-CE6	Windows CE 6.0 OS image, for ECW-281B-ATOM, with 128MB compactFlash memory card, RoHS