

ECW-281B-BT

Fanless Embedded System with Intel® Celeron® J1900 Processor

New

Features

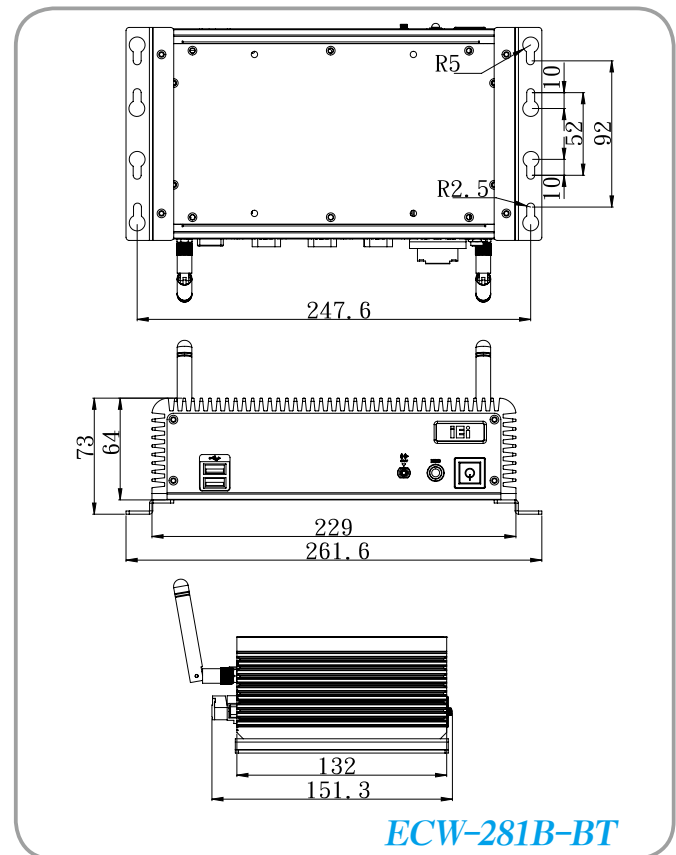
- Fanless system with Intel® Celeron® J1900 Processor
- Supports four COM ports (three RS-232, one RS-422/485)
- 12V DC and 9~36V DC models available
- Wide operating temperature: -20°C ~ 60°C with SSD



Specifications

Model Name	ECW-281B-BT	
Chassis	Color	Black
	Dimensions (WxHxD) (mm)	229 x 64 x 132
	System Fan	Fanless
	Chassis Construction	Aluminum alloy with heavy duty metal
Motherboard	Motherboard Model	WAFER-BTI
	CPU	Intel® Celeron® J1900 Processor (2M cache, up to 2.42 GHz)
	Chipset	SoC
	System Memory	1 x 204-pin 2 GB 1066/1333 MHz single-channel DDR3L SO-DIMM (system max. 4 GB)
	IPMI	iRIS Solution
Storage	Hard Drive	1 x 2.5" SATA 3Gb/s HDD bay
I/O Interfaces	USB 3.0	1
	USB 2.0	3
	Ethernet	LAN 1: PCIe GbE by Intel® I210 controller LAN 2: PCIe GbE by Intel® I211 controller
	RS-232	3
	RS-422/485	1
	Digital I/O	8-bit digital I/O (4-bit input, 4-bit output)
	Display	1 x VGA
	Resolution	VGA: 2560x1600@60Hz
	Audio	1 x Line out
	Wireless	802.11 b/g/n 1T1R (optional)
Expansion	PCIe Mini	1 x Full-size PCIe Mini card slot (supports mSATA) 1 x Half-size PCIe Mini card (only for iRIS)
Power	Power Input	DC jack: 12 V DC 3-pin terminal: 9 V~36 V DC
	Consumption	12V@1.45A (with Intel® Celeron® J1900 CPU and one 8 GB 1333 MHz DDR3 memory)
Reliability	Mounting	Wall mount, VESA 100, DIN mount
	Operating Temperature	-20°C~60°C with air flow (SSD), 5% ~ 95%, non-condensing
	Storage Temperature	-20°C ~ 60°C
	Operating Shock	Half sine wave 5G, 11ms 3-axis (non-operational) MIL-STD-810G, Method 516.6, Procedure V, crash hazard shock test=60g
	Operating Vibration	MIL-STD-810F 514.5C-1 (HDD)
	Weight (Net/Gross)	2.1 kg / 3.9 kg

Dimensions (Unit: mm)



Packing List

1 x QIG	1 x Driver & user manual CD	1 x DIN mount kit
1 x Power cord	1 x Hard drive thermal pad	2 x Wall mont bracket
1 x One Key Recovery CD	1 x 12V 60W power adapter (with PSE/ErP certification)	

Options

Item	Part No.	Description
Wi-Fi Kit	EMB-WIFI-KIT01-R11	1T1R Wi-Fi module kit for embedded system, 1 x Wi-Fi module, 2 x RF cable, 2 x antenna, RoHS

Ordering Information

Part No.	Description
12V DC input ECW-281B-BTI-J1/2GB-R10	Fanless embedded system with WAFER-BTI, Intel® Celeron® J1900 2.42 GHz processor, four serial ports, pre-installed 2GB DDR3L SO-DIMM, 12 V DC-in, 60 W power adapter, black, RoHS
9~36V DC input ECW-281BWD-BTI-J1/2GB-R10	Fanless embedded system with WAFER-BTI, Intel® Celeron® J1900 2.42 GHz processor, four serial ports, pre-installed 2GB DDR3L SO-DIMM, 9 V ~ 36 V DC-in, black, RoHS