

# ECW-281B

Fanless Embedded System with Intel® Celeron® J1900 Processor



## Features

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

## Specifications

<b>Form factor</b>	
SBC Form Factor	CPU: Intel® Celeron® J1900 processor (2 GHz, quad-core, 2 MB cache, TDP=10W) Chipset: SoC System Memory: 1 x 204-pin 1066/1333 MHz single-channel DDR3L SO-DIMM (system max. 8 GB)
<b>I/O Interface</b>	
I/O Ports	1 x USB 3.0 3 x USB 2.0 Ethernet: LAN 1: PCIe GbE by Intel® I210 controller LAN 2: PCIe GbE by Intel® I211 controller COM Port: 3 x RS-232 1 x RS-422/485 Digital I/O: 8-bit digital I/O Display: 1 x VGA Resolution: VGA: Up to 2560x1600@60Hz Audio: 1 x Line out Wireless: 1 x 802.11b/g/n (optional)
<b>Expansion Slots</b>	
Expansion Slots	1 x Full-size PCIe Mini card slot (supports mSATA) 1 x Half-size PCIe Mini card (only for iRSIS)
<b>System</b>	
Cooling method / System Fan	Fanless
Drive Bays	1 x 2.5" SATA 3Gb/s HDD bay
<b>Color</b>	
Color	Black
<b>Dimensions</b>	
Dimensions	229 x 64 x 132
<b>Weight</b>	
Weight	2.1 kg / 3.9 kg
<b>Environment</b>	
Operating Temperature	-20°C~60°C with air flow (SSD)
Humidity	10% ~ 95%, non-condensing

## Ordering Information

ECW-281BWD-BTi-J1/2GB-R20	Fanless embedded system with WAFER-BT-R20,with Intel® Celeron J1900 2GHz, 4 serial ports,with 2GB DDR3L pre-installed SO-DIMM memory, 9~36VDC in, w/o adapter, black, RoHS
ECW-281B-BTi-J1/2GB-R20	Fanless embedded system with WAFER-BT-R20,with Intel® Celeron J1900 2GHz, 4 serial ports,with 2GB DDR3L pre-installed SO-DIMM memory,12VDC in, 60W power adapter, black, RoHS

## Packing List

1 x Power cord only for 12V	1 x Wall mount bracket
1 x 12V 60W power adapter only for 12V	1 x Screw set