

ECW-281BWD-ULT3-ULT4

Fanless Embedded System with Intel® Skylake/Kaby Lake ULT Processor

Preliminary



Features

- Fanless system with Intel® Skylake*/Kaby Lake ULT processor
- FGV DC input support
- Wide operating temperature: -20°C ~ 60°C
- Dual GbE LANs, 6 USB, 2 COM, dual PCIe Mini, SIM card slot
- Optional on-board memory support (4/8GB available)

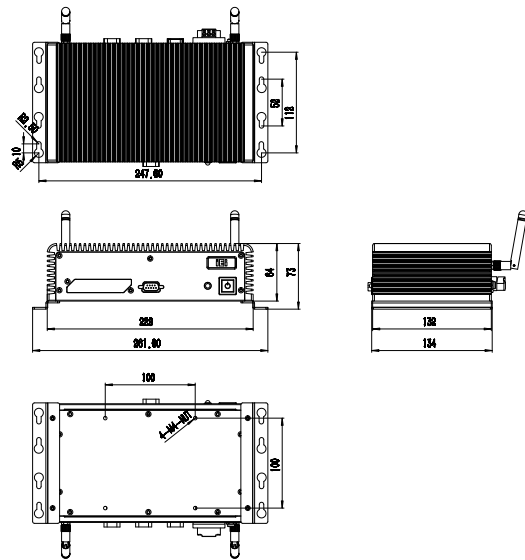
E-Window



Specifications

Model Name		ECW-281BWD-ULT3/ULT4
Chassis	Color	Black
	Dimensions (WxHxD) (mm)	229 x 132 x 64
	Chassis Construction	Aluminum alloy with heavy duty metal
Motherboard	Motherboard Model	WAFER-ULT3/ULT4 (B456)
	CPU	Kaby Lake: Intel® Core™ i5-7300U (up to 3.5GHz, dual-core, 3MB cache, TDP=15W) Skylake: Intel® Core™ i5-6300U (up to 3.0GHz, dual-core, 3MB cache, TDP=15W) Intel® Celeron® processor 3855U (up to 1.6GHz, dual-core, 2MB cache, TDP=15W)
	System Memory	1 x DDR4 2133 MHz SO-DIMM (4GB pre-installed) Optional 4GB on-board DDR4 memory (support up to 8GB by request)
	Hard Drive	1 x 2.5" SATA HDD space
Storage	mSATA	1 (colay with PCIe Mini Slot 2)
	USB 3.0	4
I/O Interfaces	USB 2.0	2
	Ethernet	1 x Intel® I219LM 1 x Intel® I211AT
	COM Port	2 x RS-232/422/485 1 x RS-232/422/485(optional)
	Digital I/O	8-bit digital I/O (4-bit input, 4-bit output)
	Display	1 x VGA 1 x HDMI
	Wireless	802.11b/g/n wireless (2T2R) (optional)
	E-window	1 (optional)
	Expansion	PCIe Mini
Power	Power Input	DC jack & 3-pin terminal block: 12V DC
	Consumption	TBD
Reliability	Mounting	Wall mount, VESA 100
	Operating Temperature	-20°C~60°C, 10% ~ 95%, non-condensing
	Storage Temperature	-20°C ~ 60°C
	Operating Shock	Half sine wave 3G ; 11ms 3axis
	Operating Vibration	MIL-STD-810F 514.5C-1 (HDD)
	Weight (Net/Gross)	TBD

Dimensions (Unit: mm)



Ordering Information

Part No.	Description
ECW-281BWD-ULT4-i5-R10	Fanless embedded system with WAFER-ULT4, Intel® Core™ i5-7300U, up to 3.5 GHz processor, two COM, six USB, pre-installed 4GB DDR4 SO-DIMM, 9~36V DC input, RoHS
ECW-281BWD-ULT3-i5-R10	Fanless embedded system with WAFER-ULT3, Intel® Core™ i5-6300U, up to 3 GHz processor, two COM, six USB, pre-installed 4GB DDR4 SO-DIMM, 9~36V DC input, RoHS
ECW-281BWD-ULT3-CE-R10	Fanless embedded system with WAFER-ULT3, Intel® Celeron® 3855U, 1.6GHz processor, two COM, six USB, pre-installed 4GB DDR4 SO-DIMM, 9~36V DC input, RoHS

*MOQ=50

Options

Part No.	Description
DK-100-R10	VESA 100 to DIN-Rail mounting kit

Packing List

1 x Screw set	1 x Wall mount bracket
1 x Utility CD	1 x One Key Recovery CD