

DRPC-W-ASL

- Fanless DIN-Rail Embedded System
- Intel® Atom™ x7433RE/ Atom™ x7835RE/ N150 processor



Features

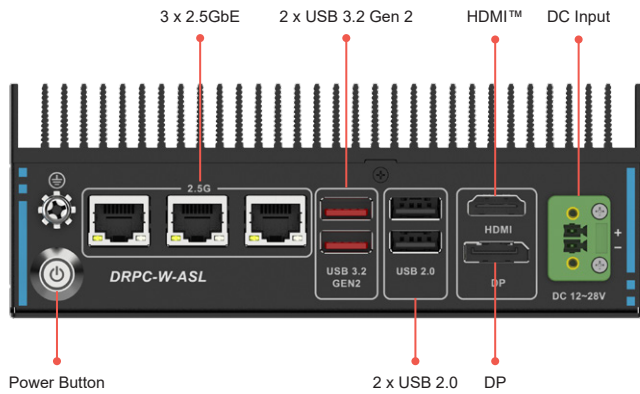
- Supported CPU:
 - Intel Atom® x7433RE SoC Processor (up to 3.4GHz, 4 core, TDP 9W)
 - Intel Atom® x7835RE SoC Processor (up to 3.6GHz, 8 core, TDP 12W)
 - Intel® Processor N150 0.8 GHz (up to 3.60 GHz, 4 core, TDP 6W)
- M.2 E key and M.2 M key expansions
- Wide-temperature operation
- Three 2.5GbE LAN ports via Intel® I226-IT

Specifications

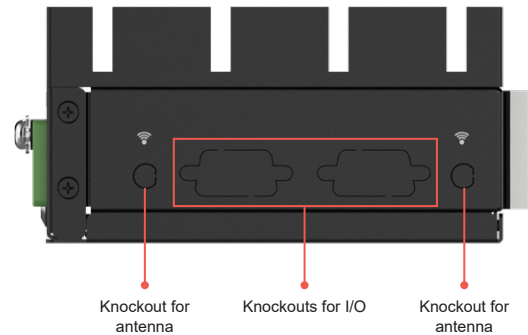
Model Name		DRPC-W-ASL-x7433REC-R10	DRPC-W-ASL-x7835REC-R10	DRPC-W-ASL-N150C-R10
Chassis	Color	Black		
	Dimensions (WxDxH) (mm)	163mm x 116mm x 60mm		
	System Fan	Fanless		
	Chassis Construction	Extruded aluminum alloys		
Motherboard	CPU	Intel Atom® x7433RE SoC Processor	Intel Atom® x7835RE SoC Processor	Intel® N150 Soc Processor
	Chipset	SOC		
	Memory	1 x DDR5 4800MHz SO-DIMM (pre-installed 8GB)(up to 16GB)		
Storage	HDD Bay	1 x 2.5" SATA 6Gb/s SSD/HDD bay		
I/O Interfaces	USB	2 x USB 3.2 Gen 2 2 x USB 2.0		
	LAN	3 x 2.5 GbE LAN via Intel® I226-IT		
	Display	Double Independent Displays 1 x HDMI 1.4 (up to 4K @ 30Hz) 1x DP 1.4 (up to 4K @ 60Hz)		
	Others	1 x Power button 2 x RS-232/422/485, optional feature and requires a DB9 cable to extend the connection 1 x DIO(12-bit digital I/O), optional feature and requires a DB15 cable to extend the connection		
Internal Expansions	M.2	1 x M.2 E Key 2230 (PCIe Gen3 x1 & USB 2.0) 1 x M.2 M Key 2242/2280 (PCIe Gen3 x2)		
Power	Power Input	12 ~ 28V DC		
	Power Consumption	12V@2.007A; 19V@1.273A; 24V@1.025A; 28V@0.913A (Intel Atom® x7433RE with 8GB DDR5 4800MHz memory, EuP mode disabled)		
Reliability	Mounting	DIN-Rail/Wall mounting		
	Operating Temperature	-40°C ~ 70°C, 10% ~ 95% non-condensing		-10°C ~ 60°C, 10% ~ 95% non-condensing
	Storage Temperature	-40°C ~ 85°C, 10% ~ 95% non-condensing		-20°C ~ 70°C, 10% ~ 95% non-condensing
	Operating Shock	Half-sine wave shock 5G, 11ms, 100 shocks per axis		
	Operating Vibration	10-500 Hz, 1.04 Grms, random, 1 hr/axis		
	Weight (Net/Gross)	1.13/1.9 Kg		
	Safety / EMC	CE/FCC		
Watchdog Timer	Software Programmable support 1 ~ 255 sec			
OS	Supported OS	Microsoft® Windows 10 / Windows 11, Linux		

Fully Integrated I/O

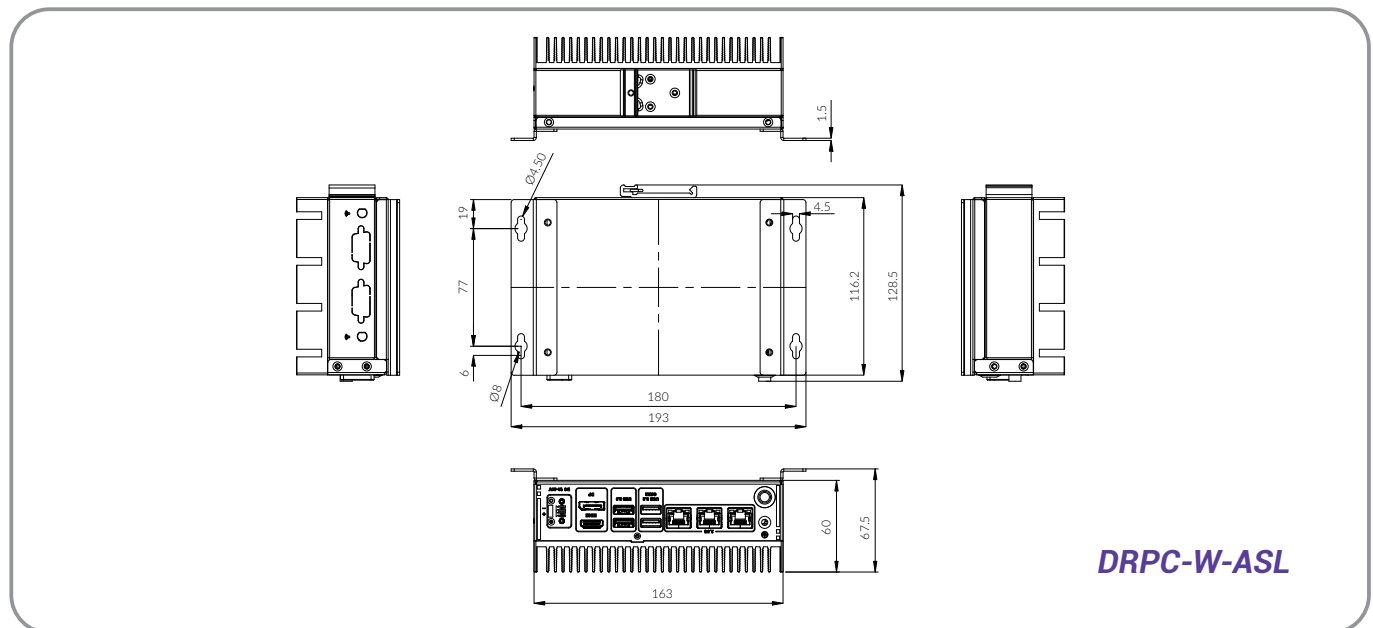
Front View



Top View



Dimensions (Unit: mm)



DRPC-W-ASL

Ordering Information

Part No.	Description
DRPC-W-ASL-x7433REC-R10	Fanless System with Intel® Atom™x7433RE processor, 3 x 2.5GbE LAN, 2 x USB 3.2 Gen2, 1 x HDMI, 1 x DP, 1 x 2.5" SATA HDD bay, DDR5 SO-DIMM 8G memory, 12-28V DC, RoHs
DRPC-W-ASL-x7835REC-R10	Fanless System with Intel® Atom™x7835RE processor, 3 x 2.5GbE LAN, 2 x USB 3.2 Gen2, 1 x HDMI, 1 x DP, 1 x 2.5" SATA HDD bay, DDR5 SO-DIMM 8G memory, 12-28V DC, RoHs
DRPC-W-ASL-N150C-R10*	Fanless System with Intel® N150 processor, 3 x 2.5GbE LAN, 2 x USB 3.2 Gen2, 1 x HDMI, 1 x DP, 1 x 2.5" SATA HDD bay, DDR5 SO-DIMM 8G memory, 12-28V DC, RoHs

*DRPC-W-ASL-N150C-R10 minimum order quantity may apply to this model. Please contact our sales team for further information.

Options

Item	Part No.	Description
Wifi Kit	EMB-WIFI-KIT02I3-R10	2T2R M.2 wifi module kit for embedded system, IEEE802.11a/b/g/n/ac/ax, 1 x M.2 AE Key Wireless LAN & Bluetooth 5.2; Intel; AX210. NGWG Module, 2 x RF cable, 2 x Antenna; RoHs
Power Cord	32000-000002-RS	POWER CORD; 2; 1830MM; (A) PLUG (16A 250V); (B) CONNECTOR (10A 250V); EUROPEAN POWER CORD (VDE); CCL; C13; RoHS
DIO cable	32031-000600-100-RS	DIO CABLE; 2; 150mm; 28AWG; (A) D-SUB 15P MALE; (B) DU PONT 2*7P P=2.0 FEMALE
Serial cable	32205-008000-100-RS	RS-232/422/485 cable; 250mm; 28AWG; (A) D-SUB 9P MALE; (B) MOLEX 51021-0900 P=1.25; RoHs
DC converter cable	32102-045700-100-RS	DC POWER CABLE; 200mm; (A) DC JACK 5.5*2.5; (B) TERMINAL BLOCK 2P P=3.5
Power Adapter	63040-010060-211-RS	FSP060/DHAN3; 9NA0608097; Vin: 90~264VAC; 60W; Dim: 62.0*110*31.5mm; Plug=7.5mm; Cable=1200mm; Erp(NO LOAD 0.21W); Vout: 12VDC; Φ2.5/Φ5.5/with lock

Packing List

1 x DIN-rail mounting kit	1 x screws pack	1 x wall mount kit	1 x sata cable
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