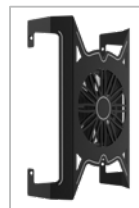


DRPC-W-EHL1



Features

- Fanless DIN-Rail Embedded System.
- Supports Intel® Elkhart Lake Atom™ x6000 series on-board SoC
- Triple display with DP, HDMI™ and iDPM slot
- High speed I/O interface for USB 3.2 gen 2, SATA 6Gb/s
- Dual 2.5 GbE LAN with Intel® I225-IT
- Support one M.2 A key and one M.2 B key slot
- Wide voltage input (12V ~ 28V DC) & extended wide temperature operations (-20°C ~ 70°C)



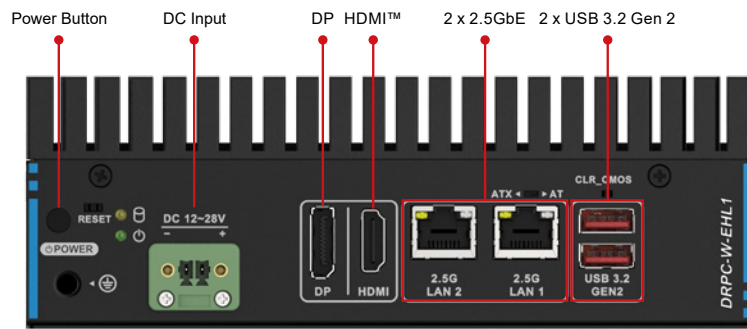
External fan module

Specifications

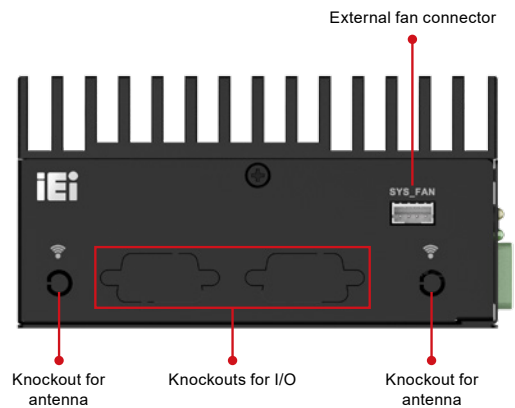
Model Name		DRPC-W-EHL1
Chassis	Color	Black
	Dimensions (WxDxH) (mm)	176 x 116 x 60.8
	System Fan	Fanless
	Chassis Construction	Extruded aluminum alloys
Motherboard	CPU	Onboard Intel® Atom™ x6000 series / Pentium® / Celeron® processor (Elkhart Lake platform) Intel® Celeron® x6211E on-board SoC (up to 3.0 GHz, dual-core, 1.5M Cache, TDP=6W) Intel® Celeron® x6413E on-board SoC (up to 3.0 GHz, quad-core, 1.5M Cache, TDP=9W) Intel® Celeron® x6425E on-board SoC (up to 3.0 GHz, quad-core, 1.5M Cache, TDP=12W)
	Chipset	SoC
	Memory	Onboard LPDDR4X 3200MHz 8G(up to 16GB)
Storage	HDD Bay	1 x 2.5" SATA 6Gb/s HDD bay
IO Interfaces	USB	2 x USB 3.2 Gen2
	LAN	2 x PCIe 2.5GbE with Intel i225-IT
	Display	1 x HDMI™ 1.4 (up to 4096 x 2160@30Hz) 1 x DP 1.2 (up to 4096 x 2160@60Hz)
	Others	1 x Power button, 1 x Reset button, 1 x Power LED, 1 x HDD LED, 1 x System fan connector, 1 x clear cmos button, 1 x AT/ATX switch button
Internal Expansions	PCIe Mini	N/A
	M.2	1 x 2230 M.2 A Key (PCIe Gen3 x2 & USB 2.0) 1 x 3042 M.2 B Key (PCIe Gen3 x2 & USB 2.0)
Power	Power Input	12V ~ 28V DC input power (AT/ATX mode)
	Power Consumption	28V@1.58A (Intel® Celeron® x6211E With 8GB LPDDR4x Memory)
Reliability	Mounting	DIN-Rail
	Operating Temperature	-20°C ~ 70°C with airflow, 10% ~ 95% non-condensing
	Storage Temperature	-30°C ~ 85°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)	0.92/1.16 KG
	Safety/EMC	CE/FCC
	Watchdog Timer	Programmable 1 ~ 255 sec/min
OS	Supported OS	Microsoft® Windows 10 / Windows 11, Linux

Fully Integrated I/O

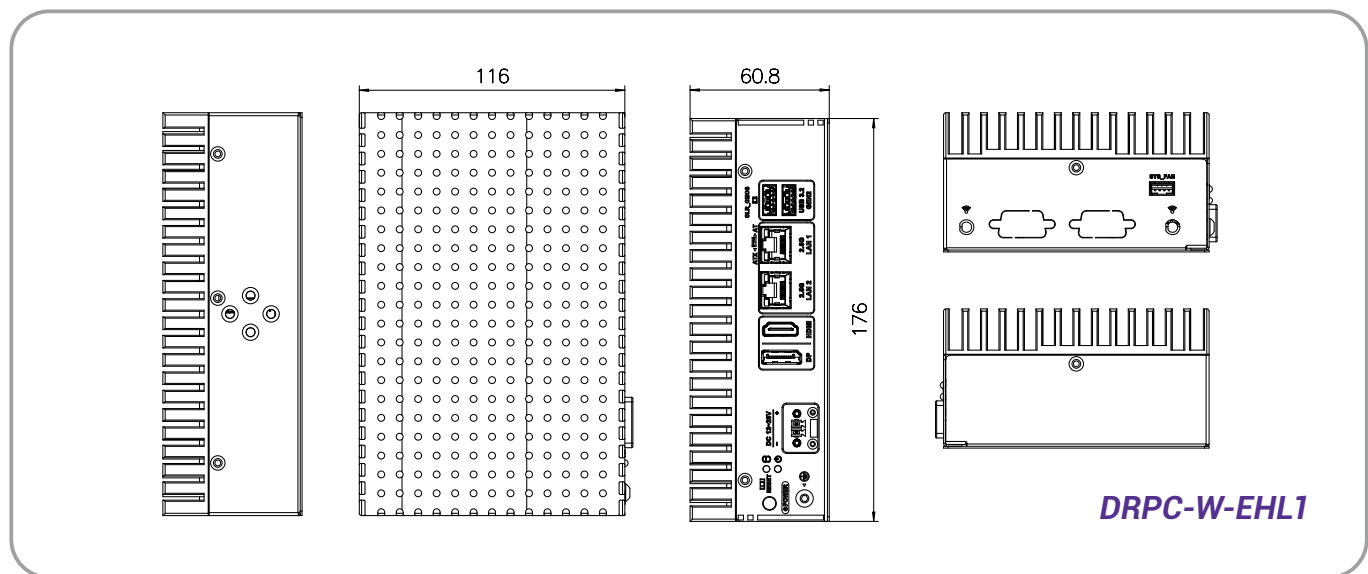
Front View



Top View



Dimensions (Unit: mm)



Ordering Information

Part No.	Description
DRPC-W-EHL1-x6211EC-R10	Fanless System with onboard Intel® Celeron® x6211E processor, 2 x 2.5GbE Lan, 2 x USB 3.2 Gen2, 1 x HDMI™, 1 x DP, 1 x 2.5" SATA HDD bay, onboard LPDDR4X 3200MHz 8G memory, 12-28V DC, RoHs
DRPC-W-EHL1-x6413EC-R10	Fanless System with onboard Intel® Celeron® x6413E processor, 2 x 2.5GbE Lan, 2 x USB 3.2 Gen2, 1 x HDMI™, 1 x DP, 1 x 2.5" SATA HDD bay, onboard LPDDR4X 3200MHz 8G memory, 12-28V DC, RoHs
DRPC-W-EHL1-x6425EC-R10	Fanless System with onboard Intel® Celeron® x6425E processor, 2 x 2.5GbE Lan, 2 x USB 3.2 Gen2, 1 x HDMI™, 1 x DP, 1 x 2.5" SATA HDD bay, onboard LPDDR4X 3200MHz 8G memory, 12-28V DC, RoHs

Options

Item	Part No.	Description
Fan Kit	SF-DRPC-W-R10	External fan for DRPC-W Series
COM Cable	32205-008000-100-RS	RS-232/422/485 CABLE; 250mm; (A)D-SUB 9P MALE, BLUE; (B)MOLEX 51021-0900 P=1.25
VGA Kit	iDPM-VGA-R10	eDP to VGA Connector converter board (For IEI Display Module)
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
OS	DRPC-W-EHL1-W10IoT21-E-R10	OS Image with Windows®10 Enterprise Entry 64-bit 2021 LTSC for DRPC-W-EHL1 Series
	DRPC-W-EHL1-W11IoT24-E-R10	OS Image with Windows® 11 Enterprise Entry 64-bit 2024 LTSC for DRPC-W-EHL1 Series

Packing List

1 x DIN-rail mounting kit	1 x Screw pack
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