

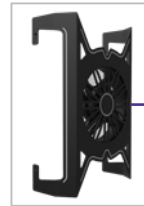
DRPC-W-EHL

- Fanless DIN-Rail Embedded System
- Elkhart Lake Intel® Celeron® Solution (up to 4 cores)



Features

- Supported CPU: Intel® Celeron® J6412 2.0 GHz (up to 2.6 GHz, quad-core, TDP 10W)
- Support dual independent display
- 2 x 2.5GbE ports
- 1 x M.2 A Key
- 1 x M.2 B Key (with SIM card slot)



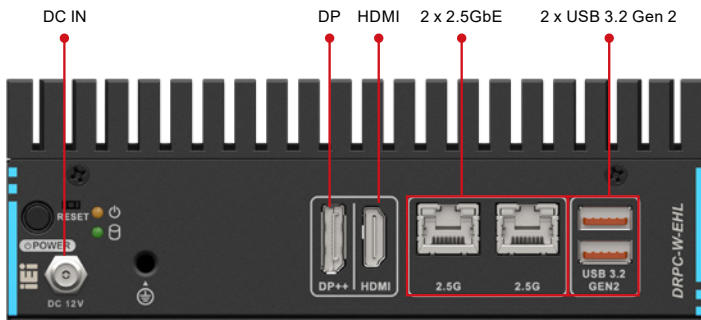
External fan module

Specifications

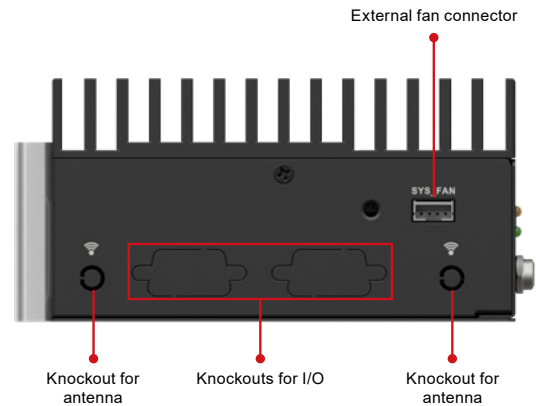
Model Name		DRPC-W-EHL
Chassis	Color	Black
	Dimensions (WxDxH) (mm)	176 x 116 x 60.8
	System Fan	Fanless
	Chassis Construction	Extruded aluminum alloys
Motherboard	CPU	Intel® Celeron® J6412 2.0 GHz (up to 2.6 GHz, quad-core, TDP 10W)
	Chipset	SoC
	Memory	Onboard LPDDR4X 3200MHz 8G (up to 16GB)
Storage	HDD Bay	1 x 2.5" SATA 6Gb/s HDD bay
IO Interfaces	USB	2 x USB 3.2
	LAN	2 x 2.5GbE
	Display	1 x DP 1 x HDMI
	Others	1 x Power button, 1 x Reset button, 1 x Power LED, 1 x HDD LED, 1 x System fan connector
Internal Expansions	PCIe Mini	N/A
	M.2	1 x M.2 A Key (PCIe Gen3 x1 & USB2.0) 2230 for WIFI & BT (optional) 1 x M.2 B Key (PCIe Gen3 x2 & USB2.0) 3042 w/SIM slot for 5G (optional)
Power	Power Input	12V DC
	Power Consumption	12V@2.5A (Intel J6412 With 4GB DDR4 Memory)
Reliability	Mounting	DIN-Rail
	Operating Temperature	-20°C ~ 60°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, UKCA
Watchdog Timer	Programmable 1 ~ 255 sec/min	
OS	Supported OS	Microsoft® Windows 10 / 11, Linux

Fully Integrated I/O

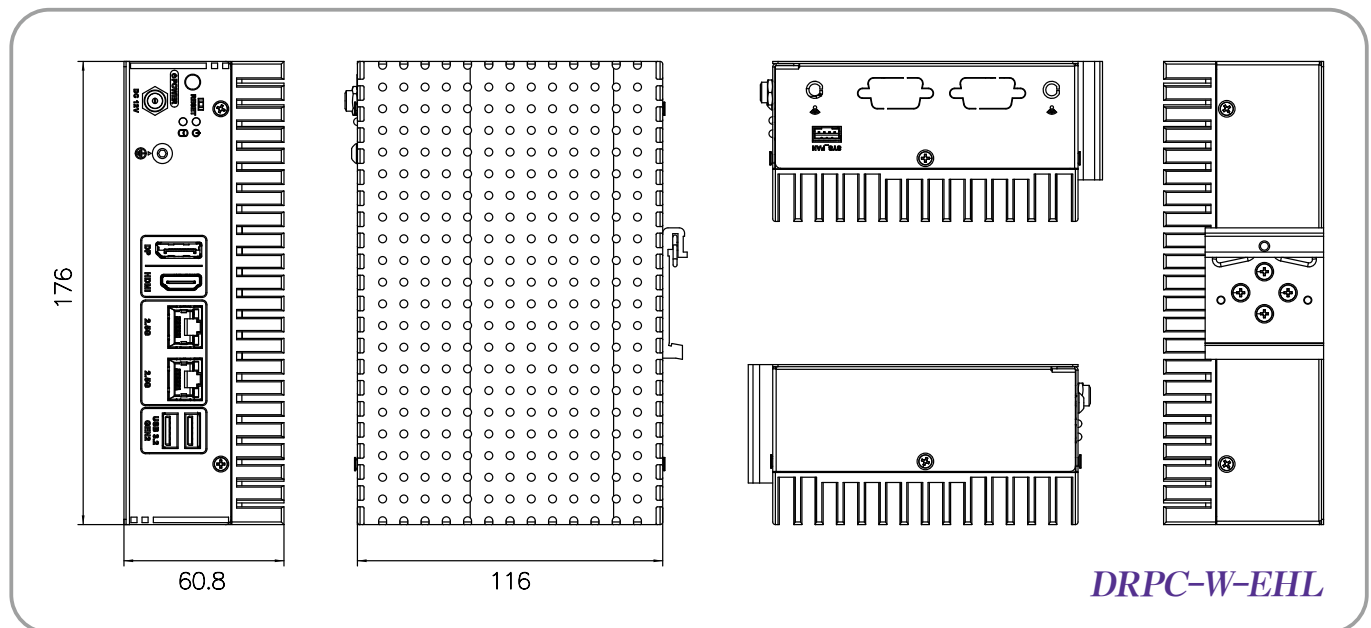
Front View



Top View



Dimensions (Unit: mm)



Ordering Information

Part No.	Description
DRPC-W-EHL-JC-R10	Fanless System with Intel® Celeron® J6412 up to 2.6 GHz TDP 10W, 2 x 2.5GbE Lan, 1 x HDMI, 1 x DP, 1 x 2.5" SATA HDD bay, 8GB memory pre-installed, 12V DC, RoHS
DRPC-W-EHL-W10IoT21-E-R10	OS Image with Windows® 10 Enterprise Entry 64-bit 2021 LTSC for DRPC-W-EHL Series, with DVD-ROM, RoHS

Options

Item	Part No.	Description
Adapter	63040-010060-211-RS	Adapter Power;FSP:FSP060-DHAN3;9NA0608097;;Vin:90~264VAC;60W;Dim:62.0*110*31.5mm;Plug=7.5mm;Cable=1 200mm;Erp(NO LOAD 0.21W);Vout:12VDC;Φ2.5/Φ5.5/lock;CCL;RoHS
Power Cord	32702-000400-200-RS	POWER CORD; EUROPEAN CODE(VDE); 1800MM;; (A)PLUG:SH-025(16A/250V); (B) CONNECTOR:C5(SM112,2.5A/250V)
Wifi Kit	EMB-WIFI-KIT0213-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
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
GPIO Cable	32031-000600-100-RS	ROUND CABLE;DIO CABLE;;2;150mm;28AWG;300V;(A)D-SUB 15P MALE;(B)DU PONT 2*7P P=2.0 FEMALE
VGA Kit	IDPM-VGA-R10	eDP to VGA Connector converter board (For IEI Display Module)

Packing List

1 x DIN-rail mounting kit	1 x Screw pack	1 x SATA cable with power cable
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DRPC-240-TGL-U

- Fanless DIN-Rail Embedded System
- Tiger Lake 11th Gen Intel® Core™ Solution (up to 4 cores)

Features

- Supported CPUs:
 - Intel® Celeron® 6305/6305E 1.8 GHz (dual-core, 15W TDP)
 - Intel® Core™ i5-1145G7E 1.5 GHz (up to 4.1 GHz, quad-core, 15W TDP)
 - Intel® Core™ i7-1185G7E 1.8 GHz (up to 4.4 GHz, quad-core, 15W TDP)
- 4 x 2.5GbE ports, supporting PoE (optional)
- Two RS-232 & two RS-422/485 (with 2.5kV isolation)
- CE/FCC compliant



Specifications

Model Name		DRPC-240-TGL-U-i7CS-R10	DRPC-240-TGL-U-i5CS-R10	DRPC-240-TGL-U-CCS-R10	DRPC-240-TGL-U-CECS-R10
Chassis	Color	Black			
	Dimensions (WxDxH) (mm)	81 x 150 x 190			
	System Fan	Fanless			
	Chassis Construction	Extruded aluminum alloys			
Motherboard	CPU	Intel® Core™ i7-1185G7E 1.8 GHz (up to 4.4 GHz, quad-core, TDP 15W)	Intel® Core™ i5-1145G7E 1.5 GHz (up to 4.1 GHz, quad-core, TDP 15W)	Intel® Celeron® 6305 1.8 GHz (dual-core, TDP 15W)	Intel® Celeron® 6305E 1.8 GHz (dual-core, TDP 15W)
	Chipset	SoC			
	Memory	2 x SO-DIMM DDR4 3200 MHz (8 GB pre-installed) (up to 64GB)			
Storage	HDD Bay	1 x 2.5" SATA 6Gb/s HDD/SSD bay			
I/O Interfaces	USB	2 x USB 3.2 Gen 2 2 x USB 2.0			
	Ethernet	4 x RJ-45: 1 x 2.5GbE by Intel® I225LM 3 x 2.5GbE by Intel® I225V (colay I225LM) * Support optional PoE af module			
	Port	2 x RS-422/485 with AFC (DB-9, with 2.5kV isolation) 2 x RS-232 (DB-9, with 2.5kV isolation)			
	Digital I/O	12-bit Digital I/O (6-in/ 6-out)(optional)			
	Display	1 x HDMI (up to 3840 x 2160@30Hz) 1 x DP++ (up to 4096 x 2304@60Hz)			
	Wireless	1 x 802.11a/b/g/n/ac (optional)			
	TPM	Support Intel PTT			
	Others	1 x Power button, 1 x Reset button, 1 x AT/ATX switch, 1 x Power LED (green), 1 x HDD LED (yellow), 4-pin external system fan connector			
Expansions	M.2	1 x 2230 A-key (PCIe x1/USB 2.0) 1 x 3042/52/80 B-key (PCIe x2/USB 3.0/USB 2.0)			
	Backplane	1 x PCIe Gen 3 x4 (optional)			
Power	Power Input	Terminal block: 12 ~ 28V DC			
	Power Consumption	12V @ 6.98A (Intel® Core™ i5-1145G7E with 8GB memory)			
Reliability	Mounting	DIN-Rail			
	Operating Temperature	-20°C ~ 60°C with air flow (SSD), 10% ~ 95% non-condensing			
	Storage Temperature	-40°C ~ 85°C, 10% ~ 95% non-condensing			
	Operating Shock	Half-sine wave shock 5G, 11ms, 100 shocks per axis (SSD)			
	Operating Vibration	MIL-STD-810G 514.6C-1 (SSD)			
	Weight (Net/Gross)	2.15/2.5 kg			
	Safety/EMC	CE, FCC, UKCA			
Watchdog Timer	Programmable 1 ~ 255 sec/min				
OS	Supported OS	Microsoft® Windows 10 / Windows 11, Linux			