

DRPC-W-JL

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

New


Features

- Supported CPU:
Intel® N5105 2.0 GHz (up to 2.9 GHz, quad-core, TDP 10W)
- Support dual independent display
- 3 x 2.5GbE ports
- 1 x M.2 A Key
- 1 x M.2 B Key (with SIM card slot)



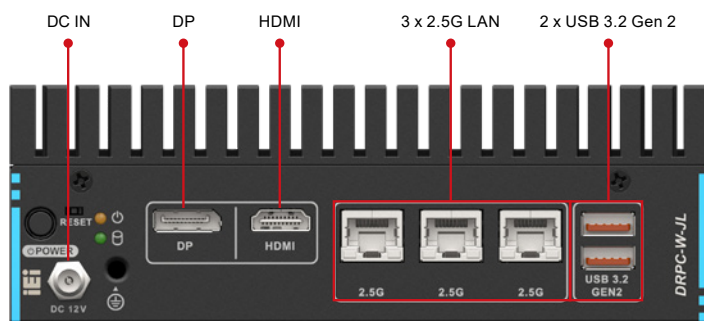
External fan module

Specifications

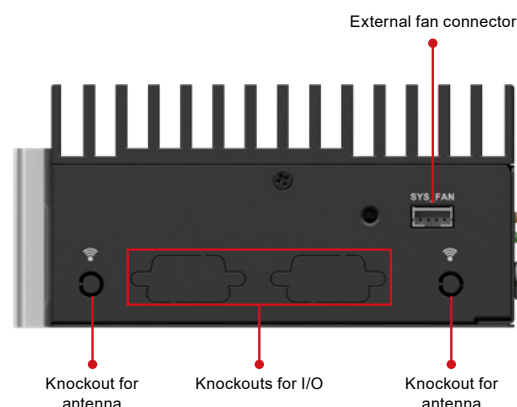
Model Name		DRPC-W-JL
Chassis	Color	Black
	Dimensions (WxDxH) (mm)	176 x 116 x 60.8
	System Fan	Fanless
	Chassis Construction	Extruded aluminum alloys
Motherboard	CPU	Intel® Celeron® N5105 2.0 GHz (up to 2.9 GHz, quad-core, TDP 10W)
	Chipset	SoC
	Memory	1 x DDR4 2933 MHz SO-DIMM (pre-installed 8GB) (up to 16GB)
Storage	HDD Bay	1 x 2.5" SATA 6Gb/s HDD bay
IO Interfaces	USB	2 x USB 3.2
	LAN	3 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 2230 for WIFI & BT (optional) 1 x M.2 B Key (PCIe x2) 2242/2280 w/SIM slot for 5G (optional)
Power	Power Input	12V DC
	Power Consumption	12V@2.45A (Intel N5105 with 16GB 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, 3 shocks per axis
	Operating Vibration	MIL-STD-810F 514.5C-2
	Weight (Net/Gross)	0.91/1.16 kg
	Safety/EMC	CE/FCC
	Watchdog Timer	Programmable 1 ~ 255 sec/min
OS	Supported OS	Microsoft® Windows 10 / 11, Linux

Fully Integrated I/O

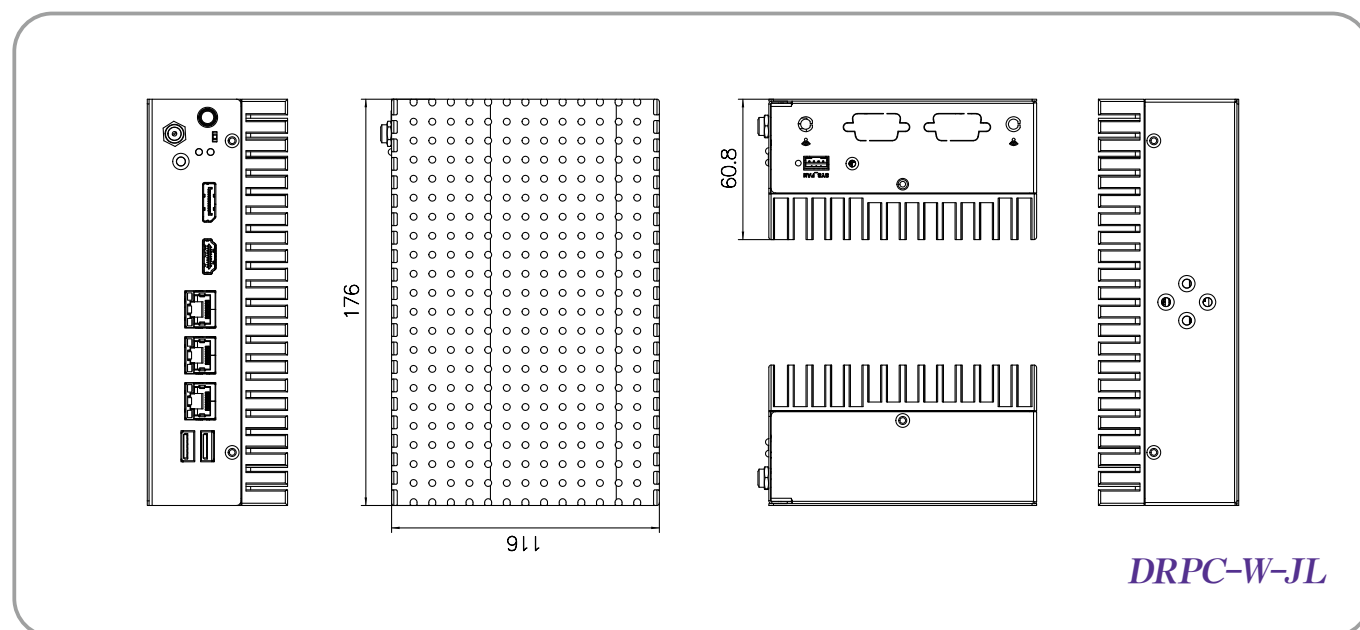
Front View



Top View



Dimensions (Unit: mm)



Ordering Information

Part No.	Description
DRPC-W-JL-NC-R10	Fanless System with Intel® Celeron™ N5105 up to 2.9 GHz TDP 10W, 3 x 2.5GbE Lan, 1 x HDMI, 1 x DP, 8GB memory pre-installed, 12V DC, 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=1200mm; Erp(NO LOAD 0.21W); Vout: 12VDC; Φ2.5/Φ5.5/lock; CCL; RoHS
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.NGWW Module, 2 x RF cable, 2 x Antenna; RoHS
Fan Kit	SF-DRPC-W-R10	External fan for DRPC-W Series
COM Cable	32005-003500-200-RS	ROUND CABLE; RS-232/422/485; RS-232 CABLE; 2.250MM; 26AWG; (A) D-SUB 9P MALE+HEXAGONAL SCREW; (B) MOLEX 51021-0900 P=1.25; Wins Precision; RoHS

Packing List

1 x DIN-rail mounting kit	1 x Screw pack	1 x SATA cable with power cable
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Mouser Electronics

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IEI:

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