

DRPC-W-JL

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



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)
- » CE/FCC compliant

Specifications

Form factor	
SBC Form Factor	» Supported CPU:
	Intel® N5105 2.0 GHz (up to 2.9 GHz, quad-core, TDP 10W)
	» Chipset:
	SoC
	» System Memory:
	1 x DDR4 2933 MHz SO-DIMM (pre-installed 8GB) (up to 16GB)
	» Power:
	DC Jack: 12 V DC
	» Consumption: 12V@2.45A (Intel N5105 with 16GB DDR4 memory)
I/O Interface	
I/O Ports	» USB:
	2 x USB 3.2 Gen 2
	» Ethernet:
	3 x 2.5 GbE by Intel® I225V (colay I225LM)
	» Display:
	1 x HDMI™
	1 x DP
	» TPM:
	Support Intel PTT
	» Watchdog Timer:
	Programmable 1 ~ 255 sec/min
Expansion Slots	
Expansion Slots	» 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)
System	
Cooling method / System Fan	Fanless
	4-pin external system fan connector

Drive Bays	1 x 2.5" SATA 6Gb/s HDD/SSD bay
Indicator&Buttons	
Buttons	1 x Power button
	1 x Reset button
Indicators	1 x Power LED
	1 x HDD LED
Physical Characteristics	
Construction	Extruded aluminum alloy
Color	
Color	Black
Dimensions	
Dimensions	176 x 116 x 60.8 (mm)
Weight	
Weight	0.91/1.16 kg
Environment	
Operating Temperature	-20°C ~ 60°C with air flow
Humidity	10% ~ 95% non-condensing
Operating Vibration	10-500 Hz,1.04 Grms, random, 1 hr/axis
Operating Shock	Half-sine wave shock 5G, 11ms, 100 shocks per axis
Safety & EMC	CE/FCC compliant
OS Support	
OS Support	Microsoft Windows 10 / Windows 11, Linux

Ordering Information

DRPC-W-JL-NC-R10	Fanless System with Intel® Celeron™ N5105 up to 2.9GHz TDP 10W, 3 x 2.5GbE Lan, 1 x HDMI™, 1 x DP, 8GB memory pre-installed, 12V DC, RoHS
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Packing List

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