

## DRPC-140-EHL

Fanless DIN-Rail Embedded System



## Features

- » Fanless system
- » Intel® Celeron® J6412 2.0 GHz (up to 2.6 GHz, quad-core, TDP 10W)
- » Four RS232/422/485 Serial port
- » Two isolation CAN Bus interface
- » CE/FCC compliant

## Specifications

Form factor	
SBC Form Factor	<ul style="list-style-type: none"> <li>» Supported CPU:</li> </ul> <p>Intel® Celeron® J6412 2.0 GHz (up to 2.6 GHz, quad-core, TDP 10W)</p>
	<ul style="list-style-type: none"> <li>» Chipset: SoC</li> </ul>
	<ul style="list-style-type: none"> <li>» System Memory:</li> </ul> <p>1 x SO-DIMM DDR4 3200 (8GB pre-installed) (up to 32GB)</p>
	<ul style="list-style-type: none"> <li>» Power:</li> </ul> <p>3-pin terminal block: 12-24V DC</p>
	<p>Consumption: 12V@3.36 (Intel® Celeron® J6412 with 8GB DDR4 Memory)</p>
I/O Interface	
I/O Ports	<ul style="list-style-type: none"> <li>» USB:</li> </ul> <p>4 x USB 3.2 Gen2</p>
	<ul style="list-style-type: none"> <li>» Ethernet:</li> </ul> <p>2 x 2.5 GbE by Intel® I226-V controller</p>
	<ul style="list-style-type: none"> <li>» Display:</li> </ul> <p>2 x HDMI™ (up to 4K@30Hz)</p>
	<ul style="list-style-type: none"> <li>» COM Port:</li> </ul> <p>4 x RS-232/422/485 (DB-9)</p>
	<ul style="list-style-type: none"> <li>» Digital I/O:</li> </ul> <p>8-bit Digital I/O (4-in/ 4-out)</p>
	<ul style="list-style-type: none"> <li>» CAN BUS:</li> </ul> <p>2 x CAN-bus (DB9 with 2.5kV isolation)</p>
	<ul style="list-style-type: none"> <li>» Wireless:</li> </ul> <p>1 x 802.11a/b/g/n/ac (optional)</p>
	<ul style="list-style-type: none"> <li>» TPM:</li> </ul> <p>1 x TPM (2 x10 pin)</p>
	<ul style="list-style-type: none"> <li>» Intel PTT</li> </ul>
	<ul style="list-style-type: none"> <li>» Watchdog Timer:</li> </ul> <p>Programmable 1 ~ 255 sec/min</p>

Expansion Slots	
Expansion Slots	» M.2:
	1 x M.2 A Key 2230 (PCIe Gen3 x1/USB 2.0)
	1 x M.2 M Key 2280 (PCIe Gen3 x2)
System	
Cooling method / System Fan	Fanless
Drive Bays	eMMC 5.1 (Optional) (MOQ, please contact with sales account manager)
Indicator&Buttons	
Buttons	1 x Power Button
	1 x Reset Button
	1 x AT/ATX Switch
Indicators	1 x LED for Power
	1 x LED for HDD
Physical Characteristics	
Construction	Extruded aluminum alloy
Color	
Color	Black
Dimensions	
Dimensions	58.75 x 130 x 174 (mm)
Weight	
Weight	Net: 1.39kg / Gross: 1.68 kg
Environment	
Operating Temperature	-20°C ~ 60°C with 0.7M/S air flow (M.2)
Humidity	10% ~ 95% non-condensing
Operating Vibration	MIL-STD-810G 514.6C-1 (SSD)
Operating Shock	Half-sine wave shock 5G, 11ms, 100 shocks per axis (SSD)
Safety & EMC	CE, FCC, UKCA
OS Support	
OS Support	Microsoft® Windows® 10/11, Linux

## Ordering Information

DRPC-140-EHL-JC-R11	Fanless embedded system, Intel® Celeron® J6412 2.0GHz, (up to 2.6GHz, 4-Core, TDP 10W), 8GB DDR4 pre-installed memory, 4 x RS-232/422/485, 4 x USB 3.2, 2 x HDMI, 2 x 2.5GbE Lan, 8-bit DIO, 2 x CAN-Bus, 12~24V DC and RoHS
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## Packing List

1 x DIN-rail mounting kit	1 x Screw pack
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