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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	» Supported CPU:
	Intel® Celeron® J6412 2.0 GHz (up to 2.6 GHz, quad-core, TDP 10W)
	» Chipset: SoC
	» System Memory:
	1 x SO-DIMM DDR4 3200 (8GB pre-installed) (up to 32GB)
	» Power:
	3-pin terminal block: 12-24V DC
	Consumption: 12V@3.36 (Intel® Celeron® J6412 with 8GB DDR4 Memory)
I/O Interface	
I/O Ports	» USB:
	4 x USB 3.2 Gen2
	» Ethernet:
	2 x 2.5 GbE by Intel® I226-V controller
	» Display:
	2 x HDMI™ (up to 4K@30Hz)
	» COM Port:
	4 x RS-232/422/485 (DB-9)
	» Digital I/O:
	8-bit Digital I/O (4-in/ 4-out)
	» CAN BUS:
	2 x CAN-bus (DB9 with 2.5kV isolation)
	» Wireless:
	1 x 802.11a/b/g/n/ac (optional)
	» TPM:
	1 x TPM (2 x10 pin)
	Intel PTT
	» Watchdog Timer:
	Programmable 1 ~ 255 sec/min

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 Compatible	
OS Compatible	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

Packing List

1 x DIN-rail mounting kit	1 x Screw pack