

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® I225-V/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 Support | |
| OS Support | Microsoft® Windows® 10/11, Linux |

Ordering Information

| | |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DRPC-140-EHL-JC-R10 | 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 |
|---------------------------|----------------|