

***工业系统***



DRPC-130-AL



***w w w . i e i w o r l d . c o m***



* ***无风扇 DIN导轨安装嵌入式系统***

***■ Intel® Atom***™ ***x5-E3930 1.3GHz (up to 1.8 GHz)***

***特征***

● Intel® Atom™ x5-E3930 1.3GHz (up to 1.8 GHz)

● DDR3L 1.35V SO-DIMM

● CAN bus and 数字 I/O interface



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Fanless** | **CAN-Bus** | **Dual LAN** | **RS-232** | **PCIe Mini** |  |
| **/422/485** | **Expansion** |  |

***规格***



型号

机身

主板

存储

I/O 接口

电源

可靠性

**OS**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **DRPC-130-AL** |  |  |
| 颜色 | Black |  |  |
| 尺寸 (WxDxH) (mm) | 58.75 x 130 x 174 |  |  |
| 系统风扇 | Fanless |  |  |
| 材质 | Extruded aluminum alloy |  |  |
| **CPU** | Intel® Atom™ x5-E3930 1.3GHz (up to 1.8 GHz, dual core, TDP=6.5W) |  |
| 芯片组 | SoC |  |  |
| 系统内存 | 1x 204-pin DDR3L SO-DIMM slot (system max. 8 GB) |  |
| (DRPC-130-AL-E1/4GB SKU is pre-installed with 4 GB memory) |  |
|  |  |
| **Hard Drive** | 1 x 2.5'' SATA 6Gb/s HDD/SSD bay |  |  |
| **eMMC** | 1 x eMMC 5.0 support (up to 32GB, optional) |  |
| **USB 3.1 Gen 1 (5Gb/s)** | 4 |  |  |
| **USB 2.0** | 1 by pin header |  |  |
| **Ethernet** | 2 x RJ-45 |  |  |
| PCIe GbE by Intel® I211 controller |  |  |
|  |  |  |
| **COM Port** | 4 x RS-232/422/485 (DB-9) |  |  |
| **数字 I/O** | 8-bit digital I/O, 4-bit input/4-bit output (DB-9) |  |
| **CAN Bus** | 1 x DB-9 w/ 2.5kV Isolation protection, supporting 2-port CAN-bus |  |
| 显示 | 2 x HDMI 1.4b |  |  |
| 分辨率 | Up to 3840 x 2160@30Hz |  |  |
| **SIM** | 1 x Internal on-board SIM slot (optional) |  |
| **Wireless** | 1 x 802.11a/b/g/n/ac (optional) |  |  |
| **TPM** | 1 x TPM 2.0 (2x10 pin) (optional) |  |  |
|  | 1 x Power Button | 1 x LED for HDD (Yellow) |  |
| **其他** | 1 x Reset Button | 1 x LED for Power (Green) |  |
|  | 1 x AT/ATX Switch |  |  |
| **PCIe Mini** | 1 x Half-size PCIe Mini slot |  |  |
| 1 x Full-size PCIe Mini slot (supports mSATA, colay with SATA) |  |
|  |  |
| 电源输入 | 3-pin terminal block: 12 V ~ 24 V DC |  |  |
| **第2电源开关接口** | PS ON 2-pin 接线端子 |  |  |
| 功耗 | 12V @ 2.88 A (Intel® Atom™ x5-E3930 CPU with 4GB 1600 MHz DDR3L memory) |  |
| 安装方式 | DIN-rail / Wall mounting |  |  |
| 操作温度 | -20°C ~ 60°C with air flow (SSD), 10% ~ 95%, non-condensin |  |
| 存储温度 | -40°C ~ 85°C with air flow (SSD), 10% ~ 90%, non-condensin |  |
| 冲击测试 | Half-sine wave shock 5G, 11ms, 100 shocks per axis, IEC68-2-27 |  |
| 振动测试 | MIL-STD-810G 514.6C-1 (SSD) |  |  |
| 重量(净重/毛重) | 1.4Kg/2.5Kg |  |  |
| **Safety / EMC** | CE/FCC |  |  |
| **看门狗** | Programmable 1~255 sec/min |  |  |
| **支持的操作系统** | Microsoft® Windows 10 / Linux |  |  |



**DRPC-130-AL-2019-V10** **10-57**



***工业系统***

***w w w . i e i w o r l d . c o m***



***丰富的****I****/O***



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| *Front View* |  |  | *Top View* |  |
| 2 x CAN-bus isolated |  |  |  |  |  |  |  | DIO | 12V~24V DC in |  |  |  |  |  |  | Power switch |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 2 x GbE LAN |  |  |  |  |  |  | 4 x USB 3.1 Gen 1 |  |  |  |  |  |  |  |
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|  |  |  |  |  |  | PS On |  |  |  |  |  |  | Reset |  |
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| 4 x RS-232/422/485 |  |  |  |  |  |  |  | 2 x HDMI |  |  |  |  |  |  | AT/ATX mode |  |
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***尺寸*** *(****单位****: mm)*



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|  |  |  |  | 58.75 |  | 130 |  | *DRPC-130-AL* |  |
|  |  |  |  |  |  |  |
| ***订购信息*** |  |  |  |  |  |  |  |  |
|  | **Part No.** | **Description** |  |  |  |  |  |  |  |
|  | **DRPC-130-AL-E1-R11** | Fanless embedded system, Intel®Apollo Lake x5-E3930 1.3GHz (up to 1.8GHz, dual core), two HDMI, 8 CH DIO, CAN-Bus, COM, 12~24V DC and RoHS |  |
|  | **DRPC-130-AL-E1/4GB-R11** | Fanless embedded system, Intel®Apollo Lake x5-E3930 1.3GHz (up to 1.8GHz, dual core), 4GB DDR3L pre-installed memory, two HDMI, 8 CH DIO, |  |
|  | 12V ~ 24V DC and RoHS |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| ***可选配件*** |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | **Item** | **Part No.** | **Description** |  |  |  |  |  |
|  | **Adapter** | **63040-010036-210-RS** | Adapter Power;FSP;FSP036-RHBN3;9NA0362707;;Vin:90~264VAC;36W;Dim:37.8\*89.8\*27.0mm;Plug=7.5mm;Cable |  |
|  | =1500mm;Erp(NO LOAD 0.075W);Vout:12VDC;Φ2.5/Φ5.5/lock;CCL;RoHS |  |  |
|  |  |  |  |  |
|  | **Power Cable** | **32102-026500-100-RS** | Power cable 200mm, (A) DC jack to (B) 3-pin terminal block P=3.5 |  |  |
|  | **Power Cord** | **32702-000200-100-RS** | POWER CORD; EUROPEAN CODE(VDE); 2; 1830MM; (A)PLUG:SH-005(16A 250V); (B)CONNECTOR:C13(SH- |  |
|  | 006,10A250V); Self-Man; CCL; RoHS |  |  |
|  |  |  |  |  |
|  | **Wireless Kit** | **EMB-WIFI-KIT01-R20** | 1T1R Wi-Fi module kit for embedded system, IEEE802.11a/b/g/n/ac Wi-Fi with Bluetooth 4.0/3.0+HS, 1 x Wi-Fi |  |
|  | module, 2 x 250mm RF cable, 2 x Antenna, RoHS |  |  |
|  |  |  |  |  |
|  | **TPM Module** | **TPM-IN02-R20** | 20-pin Infineon TPM2.0 module, software mangement tool, firmware v5. |  |  |
|  | **DIN-Rail Mounting Kit** | **DK-DRPC-R10** | Rugged DIN-rail mounting kit for DPRC series only |  |  |
|  | **OS:Windows Embedded 10** | **DRPC-130-W10E64-E-R10** | OS Image with Windows® 10 IoT Enterprise Entry 64-bit for DRPC-130-AL Series, with DVD-ROM, RoHS |  |
| ***包装清单*** |  |  |  |  |  |  |  |  |
|  | 1x Din-rail mounting kit |  |  |  | 1 x Screw kit |  |  |



**10-58** **DRPC-130-AL-2019-V10**