嵌入式系統 > Din-rail Embedded System > DRPC Series

# DRPC-242-ADL-P

Fanless DIN-Rail Embedded System

## Features

» Supported CPUs:

Intel® Core™ i7-1370PE (up to 4.8GHz, 14-core, 28W TDP)

Intel® Core™ i7-1260P (up to 4.7GHz, 12-core, 28W TDP)

Intel® Core™ i5-1340PE (up to 4.5GHz, 12-core, 28W TDP)

» 2 x USB 3.2 Gen2 & 4 x USB 2.0

» 2 x RS-232 & 2 x RS-422/485 (with 2.5KV isolation)

» CE/FCC compliant

## Specifications

| Form factor | |
|---|---|
| SBC Form Factor | » Supported CPU: |
| | Intel® Core™ i7-1370PE (up to 4.8GHz, 14-core, 28W TDP) |
| | Intel® Core™ i7-1260P (up to 4.7GHz, 12-core, 28W TDP) |
| | Intel® Core™ i5-1340PE (up to 4.5GHz, 12-core, 28W TDP) |
| | » Chipset: |
| | SoC |
| | » System Memory: |
| | 2 x SO-DIMM slot DDR4 3200 MHz (8 GB pre-installed) (up to 64GB) |
| | » Power: |
| | 3-pin terminal block: 12 ~ 28 VDC |
| | Consumption: 12V@4.46A (Intel® Core™ i7-1260P with DDR4 8G Memory) |
| 輸出/入介面 | |
| I/O Ports | » USB: |
| | 2 x USB 3.2 Gen2 |
| | 4 x USB 2.0 |
| | » Ethernet: |
| | 1 x 2.5 GbE by Intel® I226LM controller support iAMT |
| | 2 x 2.5 GbE by Intel® I226-V controller |
| | » Display: |
| | 1 x lockable HDMI™ 1.4b (up to 4096 x 2160@30Hz) |
| | 1 x DP 1.4b (up to 4096 x 2160 @60Hz) |
| | » COM Port: |
| | 2 x RS-232 (DB9 with 2.5KV isolation) |
| | 2 x RS-232 (optional) |
| | 2 x RS-422/485 with AFC (DB9 with 2.5KV isolation) |
| | » GPIO: |
| | 1 x 12-bit(6-in, 6-out)(optional) |
| | » TPM: |

| | Support Intel PTT |
|---|---|
| | » Watchdog Timer: |
| | Programmable 1 ~ 255 sec/min |
| **擴充槽** | |
| 擴充槽 | » M.2: |
| | 1 x 2230 A-key (PCIe Gen3 x1/USB 2.0) Support Vpro |
| | 1 x 3042/52 B-key (PCIe Gen3 x1/USB 3.2 Gen2/USB 2.0) |
| | 1 x On-board SIM card socket (hinge type) for M.2 B key |
| | 1 x 2280 M-key (PCIe Gen4 x4) |
| | » Backplane: |
| | 1 x PCIe Gen3 x4 (optional) |
| **系統** | |
| 冷卻方式/系統風扇 | Fanless |
| | 4-pin external system fan connector |
| Drive Bays | 1 x 2.5" SATA 6Gb/s SSD bay |
| **指示燈與按鈕** | |
| 按鈕 | 1 x Power button |
| | 1 x 2-pin terminal block for Remote Power Button, |
| | 1 x Reset button |
| | 1 x AT/ATX switch, |
| 指示燈 | 1 x Power LED |
| | 1 x HDD LED |
| **Physical Characteristics** | |
| Construction | Extruded aluminum alloy |
| **Color** | |
| Color | Black |
| **Dimensions** | |
| Dimensions | 81 x 150 x190 mm |
| **Weight** | |
| Weight | 1.88 / 2.66KG |
| **Environment** | |
| Operating Temperature | -20°C ~ 60°C with 0.7M/S air flow (SSD) |
| Humidity | 10% ~ 95% non-condensing |
| Operating Vibration | 10-500 Hz, 1.04 Grms, random, 1 hr/axis (SSD) |
| Operating Shock | Half-sine wave shock 5G, 11ms, 3 shocks per axis (SSD) |
| Safety & EMC | CE, FCC, UKCA |
| **OS Compatible** | |
| OS Compatible | Microsoft® Windows® 10/11, Linux |

## Ordering Information

| | |
|---|---|
| DRPC-242-ADL-P-Ri7ECS-R11 | Embedded system with 13th Gen Intel® Core™ i7-1370PE, TDP 28W, 8GB DDR4 pre-installed memory, HDMI/DP, 3 x 2.5GbE LAN, 4 x COM, 6 x USB, 12~28V DC, RoHS |
| DRPC-242-ADL-P-Ri5ECS-R11 | Embedded system with 13th Gen Intel® Core™ i5-1340PE, TDP 28W, 8GB DDR4 pre-installed memory, HDMI/DP, 3 x 2.5GbE LAN, 4 x COM, 6 x USB, 12~28V DC, RoHS |
| DRPC-242-ADL-P-Ri3ECS-R11 | Embedded system with 13th Gen Intel® Core™ i3-1320PE, TDP 28W, 8GB DDR4 pre-installed memory, HDMI/DP, 3 x 2.5GbE LAN, 4 x COM, 6 x USB, 12~28V DC, RoHS |

## Packing List

| | |
|---|---|
| 1 x DIN-rail mounting kit | 1 x Screw pack |
| 1 x Terminal block | |