

DRPC-W-ASL

Fanless DIN-Rail Embedded System



Features

- » Support Intel® Atom™ x7433RE/ Atom™ x7835RE/ N150 processor
- » M.2 E key and M.2 M key expansions
- » Wide-temperature operation
- » Three 2.5GbE LAN ports via Intel® I226-IT

Specifications

| Form factor | |
|-----------------------------|---|
| SBC Form Factor | » Supported CPU: |
| | Intel Atom® x7433RE SoC Processor (up to 3.4GHz, 4 core, TDP 9W) |
| | Intel Atom® x7835RE SoC Processor (up to 3.6GHz, 8 core, TDP 12W) |
| | Intel® Processor N150 0.8 GHz (up to 3.60 GHz, 4 core, TDP 6W) |
| | » Chipset: SoC |
| | » System Memory: |
| | 1 x DDR5 4800MHz SO-DIMM (pre-installed 8GB) (up to 16GB) |
| | » Power: Power Input: 12 ~ 28V DC |
| I/O Interface | |
| I/O Ports | » USB: |
| | 2 x USB 3.2 Gen 2 |
| | 2 x USB 2.0 |
| | » Ethernet: |
| | 3 x 2.5 GbE LAN via Intel® I226-IT |
| | » Display: |
| | 1 x HDMI™ 1.4 (up to 4K @ 30Hz) |
| | 1 x DP 1.4 (up to 4K @ 60Hz) |
| Expansion Slots | |
| Expansion Slots | » M.2: |
| | 1 x M.2 E Key 2230 (PCIe Gen3 x1 & USB 2.0) |
| | 1 x M.2 M Key 2242/2280 (PCIe Gen3 x2) |
| System | |
| Cooling method / System Fan | Fanless |
| Drive Bays | 1 x 2.5" SATA 6Gb/s SSD/HDD bay |
| Indicator&Buttons | |
| Buttons | 1 x Power button |
| Physical Characteristics | |
| Construction | Extruded Aluminum alloy |
| Color | |
| Color | Black |
| Dimensions | |
| Dimensions | 163mm x 116mm x 60mm |
| Weight | |
| Weight | 1.13Kg |
| Environment | |
| Operating Temperature | -40°C ~ 70°C (Intel Atom® x7433RE/ x7835RE) |

| | |
|---------------------|--|
| | -10°C ~ 60°C (Intel® N150) |
| Humidity | 10% ~ 95%, non-condensing |
| Operating Vibration | 10-500 Hz, 1.04 Grms, random, 1 hr/axis |
| Operating Shock | Half-sine wave shock 5G, 11ms, 100 shocks per axis |
| Safety & EMC | CE, FCC |
| OS Compatible | |
| OS Compatible | Microsoft® Windows 10 / 11, Linux |

Ordering Information

| | |
|-------------------------|--|
| DRPC-W-ASL-x7835REC-R10 | Fanless System with Intel® Atom™ x7835RE processor, 3 x 2.5GbE LAN, 2 x USB 3.2 Gen2, 1 x HDMI, 1 x DP, 1 x 2.5" SATA HDD bay, DDR5 SO-DIMM 8G memory, 12-28V DC, RoHs |
| DRPC-W-ASL-x7433REC-R10 | Fanless System with Intel® Atom™ x7433RE processor, 3 x 2.5GbE LAN, 2 x USB 3.2 Gen2, 1 x HDMI, 1 x DP, 1 x 2.5" SATA HDD bay, DDR5 SO-DIMM 8G memory, 12-28V DC, RoHs |
| DRPC-W-ASL-N150C-R10 | Fanless System with Intel® N150 processor, 3 x 2.5GbE LAN, 2 x USB 3.2 Gen2, 1 x HDMI, 1 x DP, 1 x 2.5 |

Packing List

| | |
|---------------------------|----------------|
| 1 x DIN-Rail mounting kit | 1 x Screw pack |
| 1 x Terminal block | 1 x SATA cable |