

IRS-100-ULT3

Rolling stock computer for traffic safety system, passenger information and video surveillance



Features

- » Intel® Skylake ULT processor
- » Dual M12 LAN port
- » VGA / DVI dual display
- » Dual SIM card design
- » 24V / 110V DC input
- » 2 x 2.5" hot-swappable SATA SSD drive bay
- » EN 50155

Specifications

| Form factor | |
|-----------------------------|--|
| SBC Form Factor | CPU: Intel® Core™ i5-6300U processor (dual-core, 2.4 GHz, 15W TDP) |
| | Chipset: SoC |
| | System Memory: 2 x 260-pin DDR4L SO-DIMM 4GB pre-installed (system max. 32 GB) |
| I/O Interface | |
| I/O Ports | 2 x USB 3.0 |
| | 1 x USB 2.0 (M12 connector) |
| | 2 x M12 connector PCIe GbE by Intel® I1211 |
| | 2 x DB-9 RS-232/422/485 (with 1.5 kV isolation) |
| | 1 x Terminal block for 8-bit digital I/O (4-bit input/4-bit output, 1.5 kV isolation) |
| | 1 x VGA |
| | 1 x DVI-D |
| | 1 x Line-out, 1 x Mic-in |
| | 2 x SIM card slot |
| Expansion Slots | |
| Expansion Slots | 1 x Full-size PCIe Mini (PCIe/USB2.0) |
| | 1 x Full-size PCIe Mini (PCIe/USB2.0/SATA) |
| System | |
| Cooling method / System Fan | Fanless |
| Drive Bays | 2 x 2.5" SATA 6Gb/s SSD drive bay |
| | (Please note that HDD2 and mSATA share the same SATA signal. Two devices could not work concurrently.) |
| Color | |
| Color | Blue C |
| Dimensions | |
| Dimensions | 290 x 69 x 225 |
| Weight | |
| Weight | 3.9 kg / 5.1 kg |
| Environment | |
| Operating Temperature | -40°C ~ 70°C with air flow (with industrial SSD/CF), compliant with EN 50155 |
| Humidity | 10% ~ 95%, non-condensing |

Ordering Information

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|------------------------|---|
| IRS-100-ULT3-i5/4G-R10 | Fanless railway system with Intel® Core™ i5-6300U processor, (15W), 4GB DDR4L pre-installed memory, two 2.5" SATA SSD bays, VGA, DVI, two M12 GbE LAN |
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