

IVS-300-ULT3

In-vehicle Computer for Public Transportation Video Surveillance



Features

- » Intel® Skylake ULT /Baytrail processor
- » 4 x PoE IEEE802.3af
- » 2x Hot-swappable 2.5" drive bay
- » Optional 3G/Wi-Fi
- » 2 x RS-232, 1 x Isolated RS-422/485
- » 4 x DI/DO
- » 1 x HDMI™ (lockable), 1 x VGA

Specifications

| Form factor | |
|-----------------------------|--|
| SBC Form Factor | CPU: Intel® Skylake ULT /Baytrail processor |
| | Chipset: SoC |
| | System Memory:2 x 204-pin DDR3L SO-DIMM. 1 x 4GB pre-installed |
| I/O Interface | |
| I/O Ports | 2 x USB3.0 |
| | 4 x PoE IEEE802.3af (one port max 15.4W) |
| | 2 x DB-9 RS-232 |
| | 1 x DB-15 isolated RS-422/485 |
| | Isolated 8-bit digital I/O (4-bit input, 4-bit output) |
| | 1 x DB9 CAN-Bus/OBD-II |
| | 1 x VGA |
| | 1 x HDMI™ |
| | 1 x Mic in, 1 x Line out |
| | 2 x SIM slot |
| Expansion Slots | |
| Expansion Slots | 1 x Half-size PCIe Mini (reserved for Wi-Fi) |
| | 1 x Full-size PCIe Mini (reserved for 3G) |
| | 1 x Full-size PCIe Mini (only for skylake platform) |
| System | |
| Cooling method / System Fan | Fanless |
| Drive Bays | 2 x 2.5" SATA 3Gb/s HDD/SSD drive bay |
| Indicator&Buttons | |
| Indicators | 8 x LED (4 PoE, 1 HDD, 1 Wi-Fi, 2 SIM) |
| Color | |
| Color | Blue C |
| Dimensions | |
| Dimensions | 255 x 80 x 185 |
| Weight | |
| Weight | 3kg/4.5kg |
| Environment | |
| Operating Temperature | -20°C ~ 60°C with air flow |
| Humidity | 5% ~ 95%, non-condensing |

Ordering Information

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|------------------------|--|
| IVS-300-BT-J1/4G-R10 | Fanless embedded system with Intel® Celeron® Processor J1900 (10W) Processor with 4GB DDR3L pre-installed memory, PoE, on board GPS, HDMI™, VGA, two 2.5" removable SATA HDD bay, RoHs |
| IVS-300-ULT3-i5/4G-R10 | Fanless embedded system with Intel® Core™ i5-6300U (15W) Processor (ULT) with 4GB DDR4L pre-installed memory, PoE, on board GPS, HDMI™, VGA, two 2.5" removable SATA HDD bay, RoHs |
| IVS-300-ULT3-i7/4G-R10 | Fanless embedded system with Intel® Core™ i7-6600U (15W) Processor (ULT) with 4GB DDR4L pre-installed memory, PoE, on board GPS, HDMI™, VGA, two 2.5" removable SATA HDD bay, RoHs |

Packing List

| | |
|---------------------|---------------------|
| 1 x ACC power cable | 1 x GPS/GSM antenna |
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