

# 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

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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