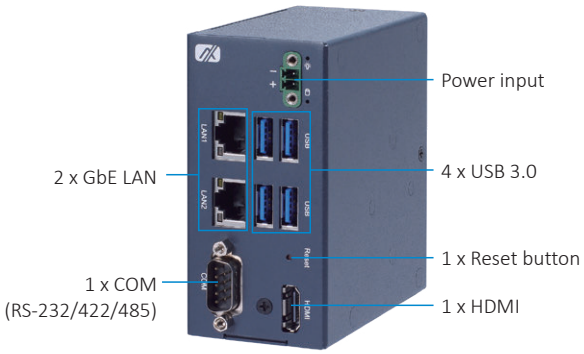
ICO110 NEW

DIN-Rail Fanless Embedded System with Intel® Celeron® Processor N3350, COM, 2 LAN, 4 USB, HDMI, and Wide Temperature Support



▲ Front view

Features

- Super compact size with fanless and cableless design
- Intel® Celeron® processor N3350, reliable F1 stepping version CPU
- COM, 4 USB, and 2 GbE LAN
- Wide operating temperature range from -40°C to +70°C
- 9 to 36 VDC wide range power input (typical: 12 to 24 VDC)
- OVP, UVP, OCP, and RPP power protection design
- AXEAPI for intelligent remote monitoring software integration

▲ Rear view

Specifications

Standard Color	Sliver	
Construction	Extruded aluminum and heavy-duty steel, IP30	
CPU	Intel® Celeron® N3350 2C @1.1 GHz, 6W TDP	
Chipset	SoC integrated	
System Memory	1 x DDR3L-1600 SO-DIMM, up to 8GB	
BIOS	AMI	
System I/O Outlet	DB9 Port	COM (RS-232/422/485)
	Display	1 x HDMI
	USB	4 x USB 3.0
	Ethernet	2 x RJ-45 isolated GbE LAN (Realtek RTL8111HN for ICO110-N3350-AC; Realtek RTL8119I for ICO110-N3350-AW) Isolation voltage: 1.5 kV
Extension Interface	1 x Half-size Rev. 1.2 PCI Express Mini Card slot: mSATA	
Storage	SATA Drive	1 x mSATA (occupied 1 x PCI Express Mini Card slot)
Watchdog Timer	255 levels, 1 to 255 sec.	
Power Supply	1 x Terminal block, 9 to 36 VDC (typical: 12 to 24 VDC)	
System Indicator	1 x LED indicator for SATA drive activity 1 x LED indicator for power	
TPM	TPM 2.0	
Operating Temperature	0°C to +50°C (+32°F to +122°F) (for ICO110-N3350-AC) -40°C to +70°C (-40°F to +158°F) (for ICO110-N3350-AW) with W.T. peripheral*	
Humidity	0% to 95%	

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Specifications

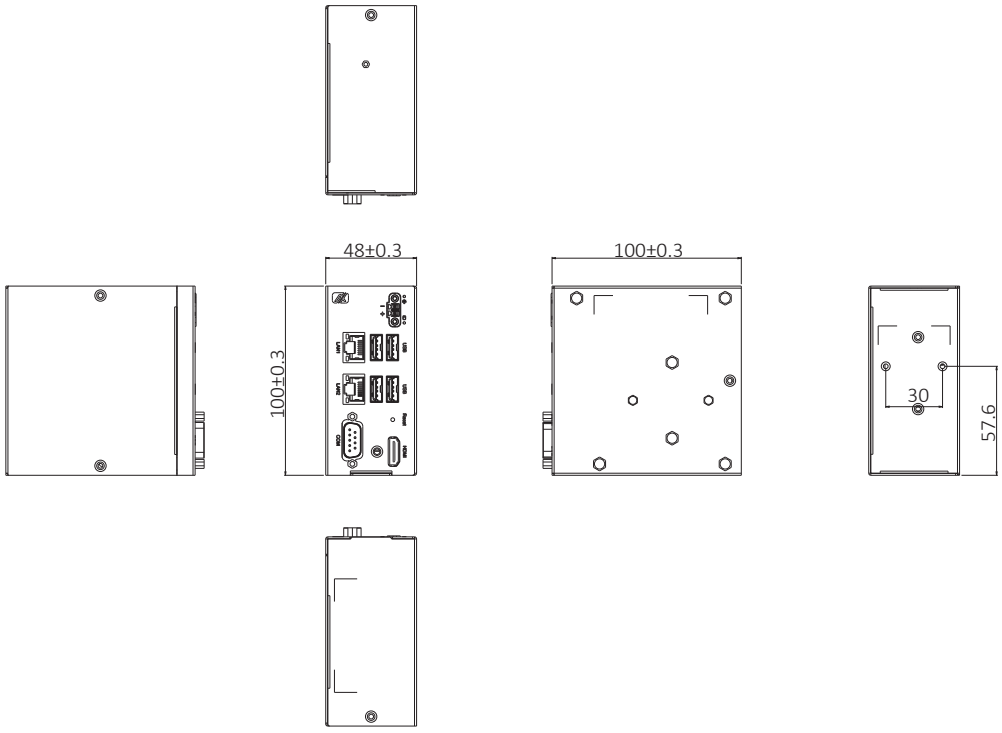
Vibration Endurance	2 Gms with storage (5 to 500Hz, X/Y/Z direction; random, operating)
Weight (net/gross)	0.3 kg (0.67 lb)/0.45 kg (0.99 lb)
Certifications	CE (Class A), FCC (Class A)
EMC	CE/FCC EN 55035 (Class A), FCC part 15 B (Class A)
Dimensions	48 mm (W) x 100 mm (D) x 100 mm (H)
EOS Support	Windows® 10 IoT, Linux
Software Support	AXEAPI

* Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

ICO110-N3350-AC (P/N: TBD)	DIN-rail fanless embedded system with Intel® Celeron® processor N3350, 1 COM, 2 GbE LAN, and 4 USB
ICO110-N3350-AW (P/N: TBD)	DIN-rail fanless embedded system with Intel® Celeron® processor N3350, 1 COM, 2 GbE LAN, 4 USB, and wide temperature

Dimensions



* All specifications and photos are subject to change without notice.