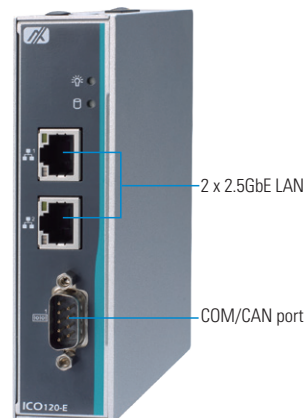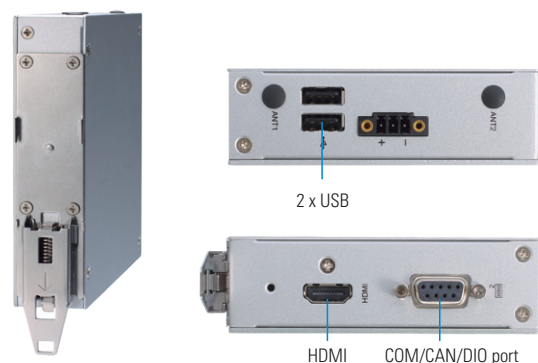# ICO120-E3350

DIN-rail Fanless Embedded System with Intel® Celeron® Processor N3350, COM/CAN/DIO, 2 LAN, and 2 USB

Features

- Extreme cost-effective with fanless and cableless design
- Intel® Celeron® processor N3350, reliable F1 stepping version CPU
- COM/CAN/DIO, 2 USB, and 2 GbE LAN
- Wide operating temperature range from -40°C to +70°C
- 9 to 36 VDC wide range power input
- OVP, UVP, OCP, RPP power protection design
- eAPI for intelligent remote monitoring software integration

2 x 2.5GbE LAN

COM/CAN port

▲ Front view

2 x USB

▲ Rear view

HDMI   COM/CAN/DIO port

Microsoft Azure Certified | EN 55035 | Ext. Temp | IP30 | Fanless | eAPI

Specifications

Standard Color	Sliver	
Construction	Extruded aluminum and heavy-duty steel, IP30	
CPU	Intel® Celeron® N3350 2C @1.1 GHz, TDP: 6W	
Chipset	SoC integrated	
System Memory	1 x DDR3L-1866 SO-DIMM, up to 8GB	
BIOS	AMI	
System I/O Outlet	DB9 Port	Selection for 2 of DB9: COM (RS-232/422/485) DIO (8-bit Programmable DIO) CAN (CAN 2.0 A/B, 1 Mbps bitrate with SocketCAN & J1939 supported)
	Display	1 x HDMI
	USB	2 x USB 2.0
	Ethernet	2 x RJ-45 isolated GbE Ethernet (Intel® I210-IT) Isolation voltage: 1.5 kV
	Others	2 x Antenna opening
Extension Interface	1 x Full-size Rev. 1.2 PCI Express Mini Card slot: USB/PCIe with SIM socket 1 x Half-size Rev. 1.2 PCI Express Mini Card slot: mSATA/ USB/PCIe	

Storage	SATA Drive	1 x mSATA (occupied 1 x PCI Express Mini Card slot)
	eMMC	Optional
Watchdog Timer	255 levels, 1 to 255 sec.	
Power	Power Supply	1 x Terminal block, 12 to 24 VDC (Typical)
System Indicator	1 x LED indicator for SATA drive activity 1 x LED indicator for power	
Operating Temperature	-40°C to +70°C (-40°F to +158°F) with W.T. peripheral*	
Humidity	0% to 95%	
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), UL EN 55032 (Class A), EN 55035 FCC part 15 B (Class A)	
EMC	CE/FCC	EN 55035 (Class A), FCC part 15 B (Class A)
Dimensions	31 mm (1.22") (W) x 100 mm (3.93") (D) x 125 mm (4.92") (H)	
EOS Support	Windows® 10 IoT, Linux	
Software Support	eAPI	

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

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

Ordering Information

ICO120-E3350	DIN-rail Fanless Embedded System with Intel® Celeron® Processor N3350, COM/CAN/DIO, 2 LAN, and 2 USB

Dimensions