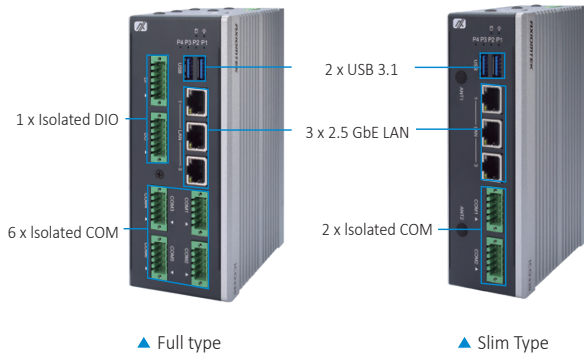


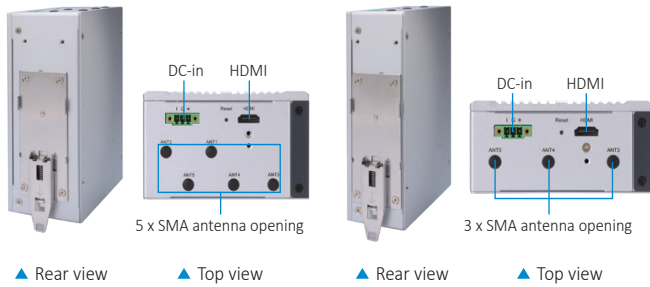
# ICO330 NEW

DIN-Rail Fanless Embedded System with Intel Atom® x6212RE or x6414RE Processor, 3 2.5GbE LAN, Isolated COM, and Isolated DIO



## Features

- Cost-effective with fanless design
- Intel Atom® x6212RE or x6414RE processor
- 6 isolated COM, isolated DIO (8-in/8-out), 3 2.5 GbE LAN
- Wide operating temperature range from -40°C to +70°C
- 9 to 36 VDC, typical 12-24V power input with OVP, UVP, OCP, RPP
- Supports TPM 2.0
- Supports cold boot at -40°C



## Specifications

Standard Color	Silver
Construction	Extruded aluminum and heavy-duty steel, IP40
CPU	Intel Atom® x6212RE processor, 1.2GHz/2C/6W Intel Atom® x6414RE processor, 1.5GHz/4C/9W
Chipset	SoC integrated
System Memory	1 x DDR4-3200 SO-DIMM, up to 32GB
BIOS	AMI
TPM	TPM 2.0
System I/O Outlet	Serial: 2 x Terminal block isolated RS-232/422/284 (for slim type) 6 x Terminal block isolated RS-232/422/485 (for full type)
	Display: 1 x HDMI (up to 1920 x 1080 @60Hz)
	USB: 2 x USB 3.1
	Ethernet: 3 x RJ-45 isolated 2.5 GbE LAN (Intel® i226-IT) Isolation voltage: 1.5 kV
	DIO: 1 x Isolated 8-in/8-out DIO (for full type)
	Others: 5 x Antenna opening
Extension Interface	1 x M.2 Key B 3050/3052 slot: USB (for 5G/Wi-Fi) 1 x Full-size Rev.1.2 PCI Express Mini Card slot: USB (for LTE/Wi-Fi) 1 x Half-size Rev.1.2 PCI Express Mini Card slot: USB/PCIe/SATA (for LTE/Wi-Fi/mSATA) 2 x SIM slot (1 for M.2; 1 for full-size PCI Express Mini Card)
Storage	1 x Internal 2.5" SATA Drive 1 x mSATA (occupied 1 x PCI Express Mini Card slot) 1 x M.2 (PCIe Gen3x2): NVMe (2242/2280) (optional) 1 x eMMC (optional)

## Specifications

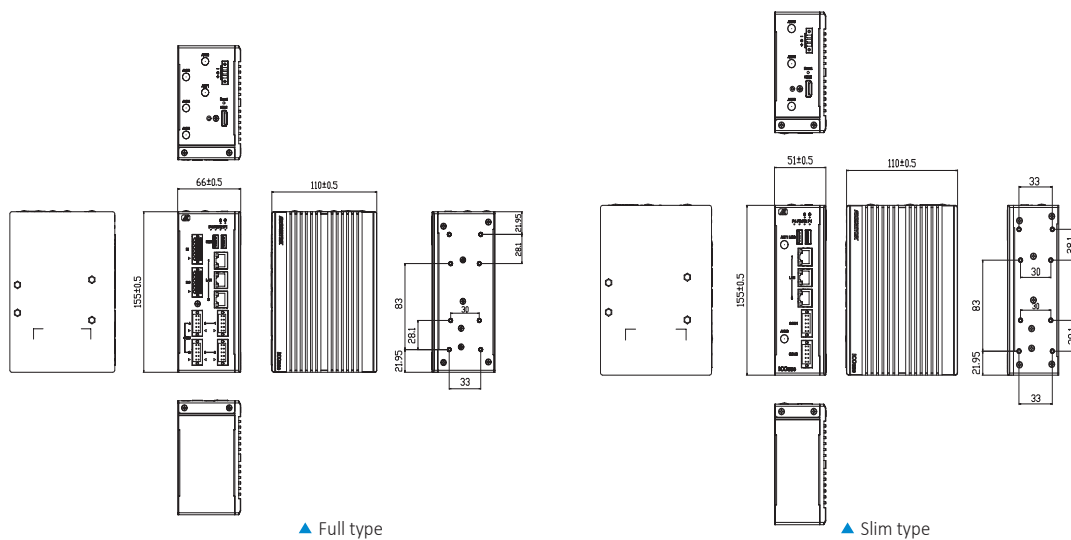
Watchdog Timer	255 levels, 1 to 255 sec.
Power Supply	1 x Terminal block, 9 to 36 VDC, typical 12/24V
System Indicators	1 x LED indicator for SATA drive 1 x LED indicator for power 4 x Programmable LED
Operating Temperature	-40°C to +70°C (-40°F to +158°F) Cold boot at -40°C
Humidity	10% to 95%
Vibration Endurance	3 Gms with storage (5 to 500Hz, X/Y/Z direction; random, operating)
Dimensions	Slim type: 55 mm (2.48") x 110 mm (4.33") x 155 mm (6.1") Full type: 66 mm (2.48") x 110 mm (4.33") x 155 mm (6.1")
Weight (net/gross)	Slim Type: 1.00 kg (2.2 lb) Full Type: 1.50 kg (3.3 lb)
Certifications	CE (Class A), FCC (Class A)
EMC	CE/FCC
EOS Support	Windows® 10 IoT, Linux
Software Support	eAPI

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

## Ordering Information

ICO330-X6212-A	DIN-rail fanless embedded system with Intel Atom® x6212RE processor, 2 USB, 3 2.5GbE LAN, 6 isolated COM, isolated DIO (8-in/8-out) and HDMI
ICO330-X6212-AS	DIN-rail fanless embedded system with Intel Atom® x6212RE processor, 2 USB, 3 2.5GbE LAN, 2 isolated COM and HDMI
ICO330-X6414-A	DIN-rail fanless embedded system with Intel Atom® x6414RE processor, 2 USB, 3 2.5GbE LAN, 6 isolated COM, isolated DIO (8-in/8-out) and HDMI
ICO330-X6414-AS	DIN-rail fanless embedded system with Intel Atom® x6414RE processor, 2 USB, 3 2.5GbE LAN, 2 isolated COM and HDMI

## Dimensions



## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660