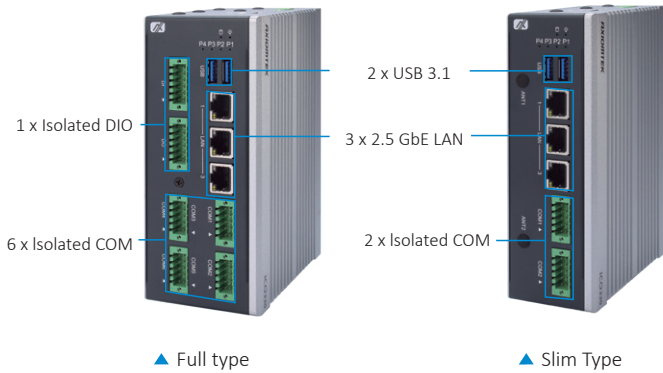


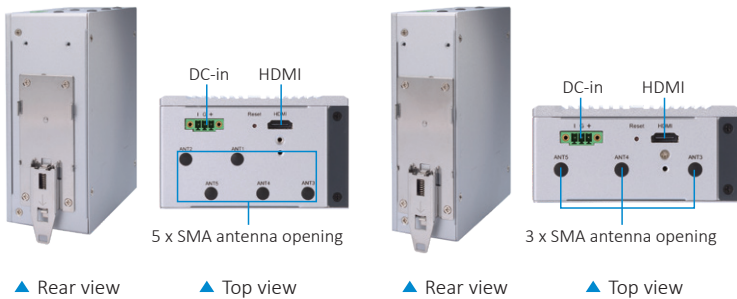
IC0330 NEW

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 Programable 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 WT. 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

