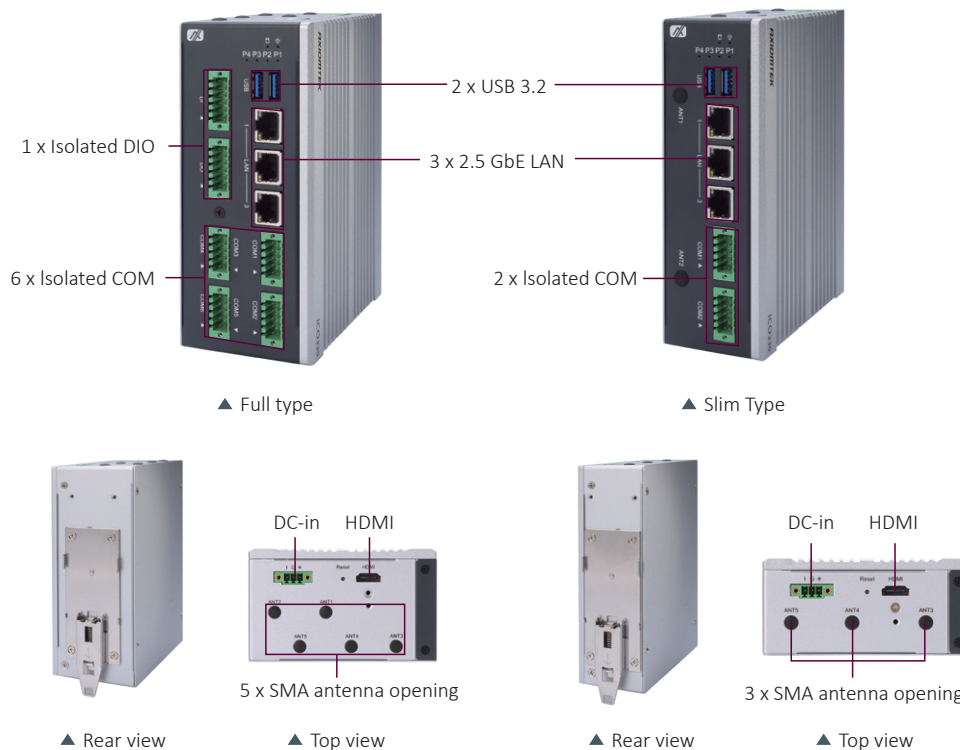


IC0330

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



Fanless



Low Power



Isolation



Wide Temp.



IP40



EN 55035



EAPI

Features

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



Specifications

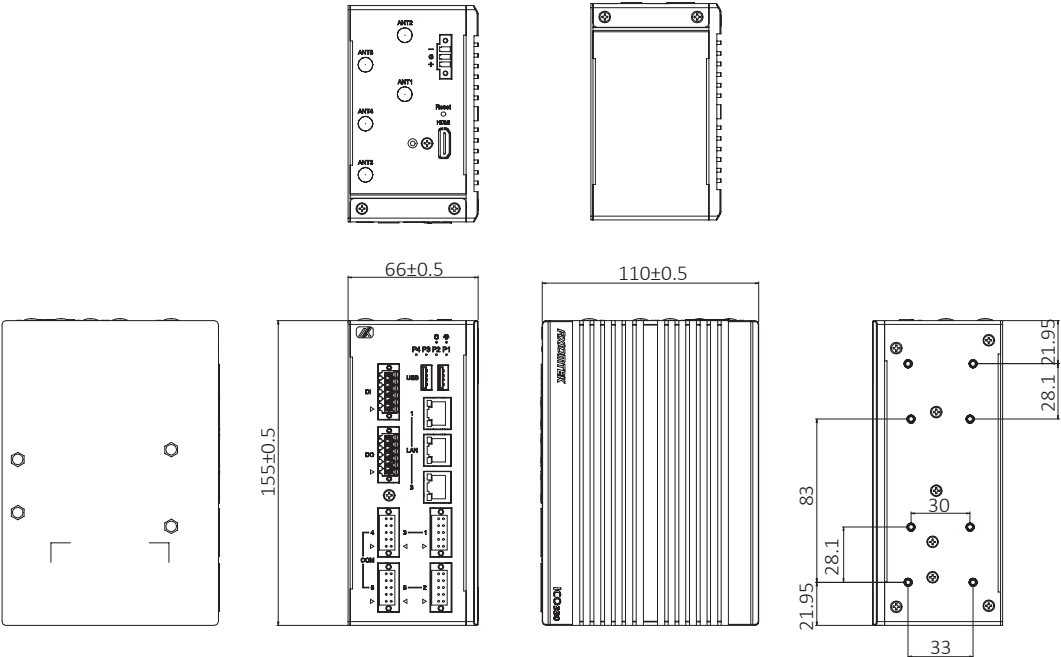
System I/O Outlet	Serial	2 x terminal block isolated RS-232/422/485 (for slim type) 6 x terminal block isolated RS-232/422/485 (for full type)
	Display	1 x HDMI (up to 1920 x 1080 @ 60Hz)
	USB	2 x USB 3.2
	Ethernet	3 x RJ-45 isolated 2.5 GbE LAN (Intel® I226-IT) Isolation voltage: 1.5 kV
	DIO	1 x isolated 8-in/8-out DIO (for full type)
	Others	5 x antenna opening
Extension Interface	1 x M.2 Key B 3050/3052 slot: PCIe/USB 3.2/USB 2.0 (for Wi-Fi/5G with SIM slot) 1 x full-size Rev. 1.2 PCI Express Mini Card slot: USB 2.0 (for Wi-Fi/LTE with SIM slot) 1 x half-size Rev. 1.2 PCI Express Mini Card slot: PCIe/USB 2.0/SATA (for Wi-Fi/mSATA)	
Storage	1 x internal 2.5" SATA Drive 1 x mini mSATA (occupied 1 x PCI Express Mini Card slot) 1 x eMMC (optional)	
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 LEDs	
Operating Temperature	-40°C to +70°C (-40°F to +158°F) Cold boot at -40°C	
Relative Humidity	10% to 95% relative humidity, non-condensing	
Vibration Endurance	3 Gms with storage (5 to 500 Hz, X/Y/Z directions; random, operating)	
Dimensions (W x D x H)	Slim type: 55 x 110 x 155 mm (2.48" x 4.33" x 6.1") Full type: 66 x 110 x 155 mm (2.48" x 4.33" x 6.1")	
Weight (net/gross)	Slim type: 1 kg (2.2 lb) Full type: 1.5 kg (3.3 lb)	
Certifications	CE (Class A), FCC (Class A)	
EMC	CE/FCC	
EOS Support	Windows® 10 IoT, Linux	
Software Support	Axiomtek EAPI	

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

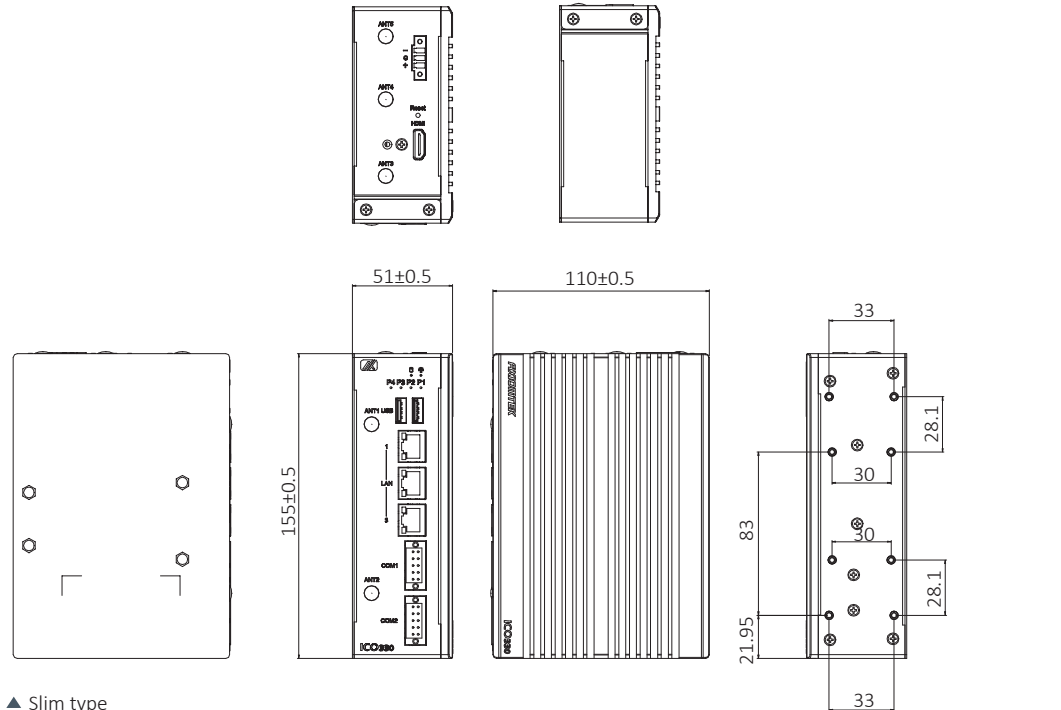
Ordering Information

ICO330-X6212-A (P/N: E22C330101)	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 (P/N: E22C330100)	DIN-rail fanless embedded system with Intel Atom® x6212RE processor, 2 USB, 3 2.5GbE LAN, 2 isolated COM, and HDMI
ICO330-X6414-A (P/N: E22C330103)	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 (P/N: E22C330102)	DIN-rail fanless embedded system with Intel Atom® x6414RE processor, 2 USB, 3 2.5GbE LAN, 2 isolated COM, and HDMI

Dimensions



▲ Full type



▲ Slim type