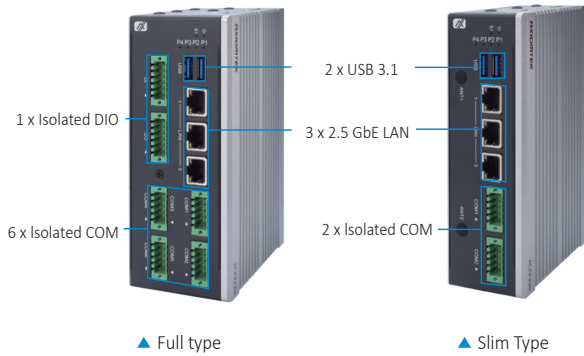


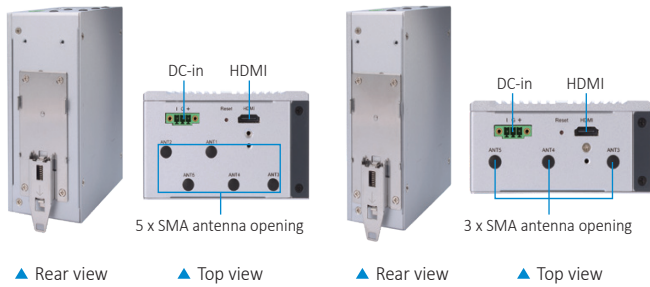
ICO330 NEW

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

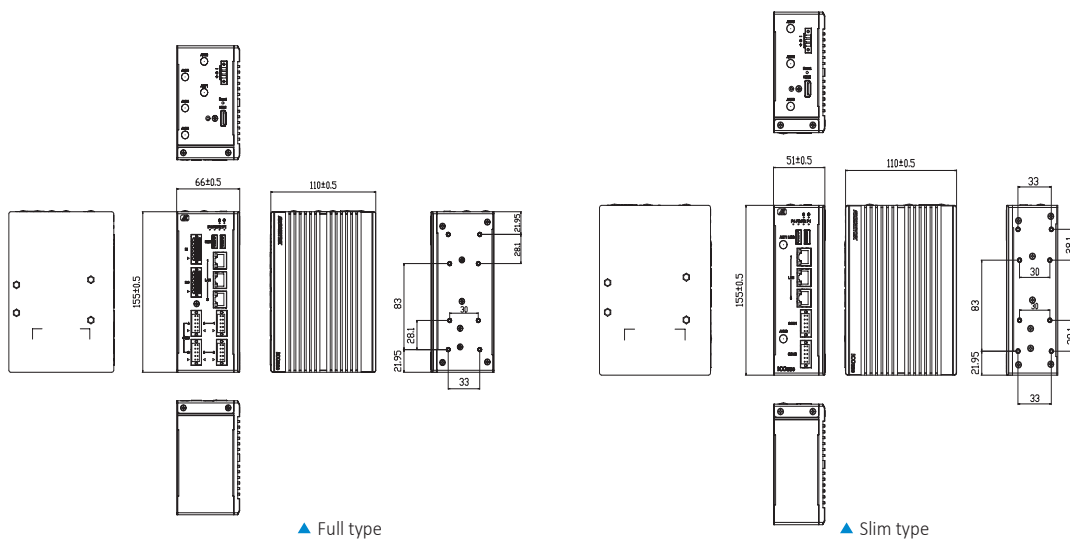
| | |
|-----------------------|--|
| Watchdog Timer | 255 levels, 1 to 255 sec. |
| Power Supply | 1 x Terminal block, 9 to 36 VDC, typical 12/24V |
| System Indicators | 1 x LED indicator for SATA drive 1 x LED indicator for power 4 x Programmable LED |
| Operating Temperature | -40°C to +70°C (-40°F 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

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

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

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