

AES330

Industrial DIN-Rail Fanless Systems



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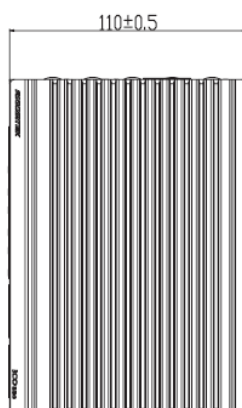
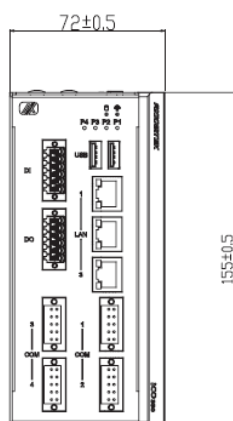
PRODUCT HIGHLIGHTS

- ▶ Intel Atom® x6212RE or x6414RE processor
- ▶ Supports cold boot at -40°C
- ▶ Fanless and compact design
- ▶ Wide operating temperature range from -40°C to +70°C
- ▶ 9 to 36 VDC wide range power input
- ▶ 6 x isolated COM, isolated DIO (8-in/8-out), 3 x 2.5 GbE LAN
- ▶ Supports TPM 2.0

TECHNICAL INFORMATION

PROCESSOR	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
COM	2 x Isolated RS-232/422/485 (Phoenix Type) 4 x Isolated RS-232/422/485 (4-wire, Phoenix Type) Isolation voltage: 1.5 kV
USB	2 x USB 3.0
ETHERNET	3 x RJ-45 isolated 2.5 GbE LAN (Intel® i226-IT), Isolation voltage: 1.5 kV
SECURITY	TPM 2.0
DIGITAL I/O	1 x Isolated 8-in/8-out DIO
DISPLAY	1 x HDMI (up to 1920 x 1080 @60Hz)
EXPANSION	1 x M.2 (USB 3.0, PCIe; for 5G & NVMe) (optional) 1 x Full-size Rev.1.2 PCI Express Mini Card slot: USB, PCIe (for LTE/Wi-Fi module) 1 x Half-size Rev.1.2 PCI Express Mini Card slot: USB/mSATA (for Wi-Fi/mSATA) 2 x SIM slot (1 for M.2; 1 for full-size PCI Express Mini Card)
STORAGE	1 x mSATA (occupied 1 x PCI Express Mini Card slot) 1 x Internal 2.5" SATA drive (9.5 mm height) 1 x 8G eMMC on board
POWER SUPPLY	1 x Terminal block, 9 to 36 VDC, typical 12/24V
WATCHDOG TIMER	255 levels, 1 to 255 sec.
CONSTRUCTION	Extruded aluminium and heavy-duty steel, IP40
OPERATING TEMPERATURE	-40°C to +70°C (-40°F to +158°F), Cold boot at -40°C
RELATIVE HUMIDITY	10% to 95%, non-condensing
VIBRATION	3 Gms with storage (5 to 500Hz, X/Y/Z direction; random, operating)
DIMENSIONS (W X D X H)	72 mm (W) x 110 mm (D) x 155 mm (H)
WEIGHT (NET/GROSS)	1.0 kg (2.2 lb)/1.50 kg (3.3 lb)
CERTIFICATIONS	CE (Class A), FCC (Class A)
OS SUPPORT	Windows® 10 IoT, Linux

Dimensions



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