

IC0340 NEW

DIN-Rail Fanless Embedded System with Intel Atom® x7433RE Processor, 1 GbE LAN, 2 2.5GbE LAN, Isolated COM, and Isolated DIO



▲ Full type



▲ Top view



Fanless



Low Power



Isolation



Wide Temp.



IP40



EN 55035



AXView

Features

- Compact and rugged with fanless design
- Intel Atom® x7433RE processor
- 4 isolated COM, isolated DIO (4-in/4-out), 1 GbE LAN and 2 2.5GbE 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® x7433RE processor, 1.5 GHz/4C/9W	
Chipset	SoC integrated	
System Memory	1 x DDR5-4800 SO-DIMM, up to 16GB	
BIOS	AMI	
TPM	TPM 2.0	
System I/O Outlet	Serial	4 x terminal block isolated RS-232/422/485 (4-wire type)
	Display	1 x HDMI (4K)
	USB	2 x USB 3.2
	Ethernet	1 x RJ-45 isolated GbE LAN (Intel® I210-IT; Out-of-Band function supported) 2 x RJ-45 isolated 2.5GbE LAN (Intel® I226-IT) Isolation voltage: 1.5 kV
	DIO	1 x isolated 4-in/4-out DIO
	Others	4 x antenna opening



Specifications

Extension Interface	1 x M.2 Key E for Wi-Fi (2230) 1 x M.2 Key B for LTE (3042/3052) with nano SIM slot
Storage	1 x M.2 Key M for SATA SSD (2230/2242/2280)
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)	60 x 120 x 165 mm (2.36" x 4.72" x 6.49")
Weight (net/gross)	TBC
Certifications	CE (EN 55032/EN 55024), FCC (FCC Part 15B), and UL IEC 62443-4-2
EMC	CE/FCC
EOS Support	Windows® 11 IoT, Linux
Software Support	AXView

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

Dimensions

