

RTC-S9900A



7th/6th Generation Intel® Core™ i7/i5/i3 Processor Fanless Embedded Computer

Introduction

The new RTC-T3600A series is a high-performance fanless computer, it Features s of the 7th/6th generation Intel® Core™ i7/i5/i3 processors, delivering outstanding performance with robust construction.

It accommodates I/O capabilities in a compact system with four GbE by Intel network interface controllers, four each USB 2.0 and USB 3.0, twelve COM ports, six of which are BIOS-configurable among RS-232/422/485.

In addition, Rich Storage Options can provide a wide range of applications. Dual mini PCIe slots empower the RTC-T3600A as a communications hub for a variety of wireless connections, such as BT 4.0/WiFi and 3G.

Leveraging proprietary mechanical engineering design, RTC-T3600A series keeps all popular Features s of RTC-T series, including external devices, a wide -ranging of operating temperature.

Like all RTC-T3600A series devices, it has been rigorously tested for operational verification.

RTC-T3600A series combines superior processor performance, wireless capabilities, and scalable I / O in a compact and robust package.

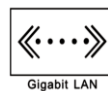
Therefore, RTC-T3600A series is ideal for a widely applied of intelligent multimedia surveillance systems for vehicle and factory automation.



RTC-S9900A

Features

- 7th/6th Gen Intel® Embedded Skylake-U Core™ i7/i5/i3/ Processor
- Supports DDR4 2133 MHz SO-DIMM memory up to 16GB
- 1x HDMI ,1x VGA, 4x USB 2.0, 4x USB3.0, 12x COM ports (RS232/422/485),4x GbE (RJ-45)
- Rich Storage Options, 1x 2.5" SATA III (6.0 Gb/s) drive bays, 1x mSATA (Shared by Mini-PCIe Socket)
- Versatile connection via 2x mPCIe
- Rugged construction delivering fanless -20°C to 60°C operability (w/industrial SSD)
- Compliant with railway EMC standard (EN50121)



Specifications

Processor	CPU	7th/6th Gen. Intel® Core™ i7/i5/i3 processors Up to 3.0GHz (64bit), fanless
Memory	Architecture	Built-in 8GB DDR4 2133 MHz (up to 16 GB)
Network	Antenna	Support WIFI communication module, external antenna Mini-PCIe interface, full size with SIM Card for 3G/4G Standard Conformance:IEEE 802.11 a/b/g/n 2.4GHz/5GHz dipole Antenna, , up to 300 Mbps Security:64/128 bit WEP
	Network	LAN1:Intel I210 GbE LAN, RJ45 (1000 Mbps) LAN2:Intel I210 GbE LAN, RJ45 (1000 Mbps) LAN3:Intel I210 GbE LAN, RJ45 (1000 Mbps) LAN4:Intel I210 GbE LAN, RJ45 (1000 Mbps)
Storage		1x mSATA (Shared by Mini-PCIe Socket) @ 256GB 1x SATA III (6Gbps) for 2.5" HDD/SSD @ 512GB Industrial grade, up to 85°C



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Specifications

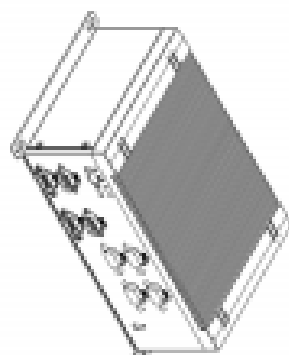
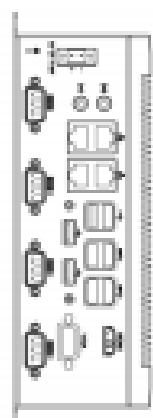
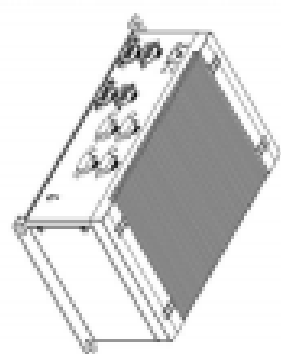
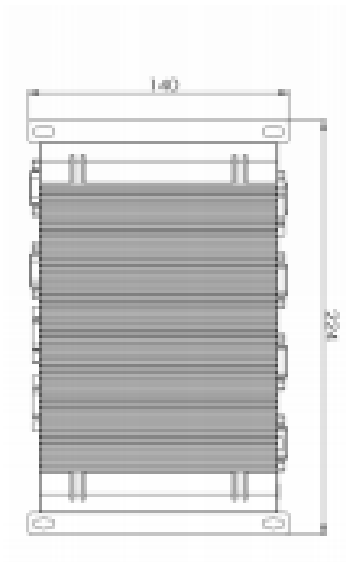
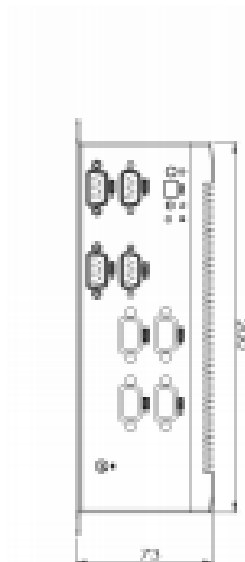
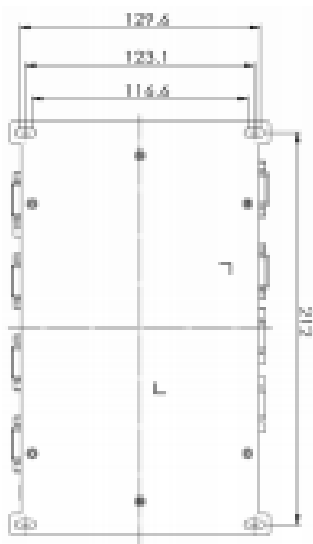
Operating Temp.		-20°C ~ 60°C (-4°F ~ 140°F) The case can withstand more than 80°C (176°F)
I/O interface	USB	4 x USB2.0 HOST 4 x USB3.0 HOST
	COM	COM1:RS232/422/485, DB9 Port COM2:RS232/422/485, DB9 Port COM3:RS232/422/485, DB9 Port COM4:RS232/422/485, DB9 Port COM5:RS232/422/485, DB9 Port COM6:RS232/422/485, DB9 Port COM7:RS232/422/485, DB9 Port COM8:RS232/422/485, DB9 Port COM9:RS232/422/485, DB9 Port COM10:RS232/422/485, DB9 Port COM11:RS232/422/485, DB9 Port COM12:RS232/422/485, DB9 Port ※ Default setting : COM1~4:RS232 / COM5~12:RS485
Power		DC 9 ~ 36V with 2-pin terminal block
Dimensions		224 x 140 x 73 mm
Certification	Shock	IEC 60068-2-27
	Vibration	IEC 60068-2-64, IEC 60068-2-6
	EMC	CE, FCC Class A (EN61000-6-4/-2), EN50121, EN 55011, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6
	Surrounding	IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-78
	Railway	EN 50155, EN 50121-3-2

※ We reserve the right to change the Specifications without prior notices.



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Dimensions and Drawing



Application



Automation



Energy



Medical



Transportation

