

IK70-Embedded Server PC

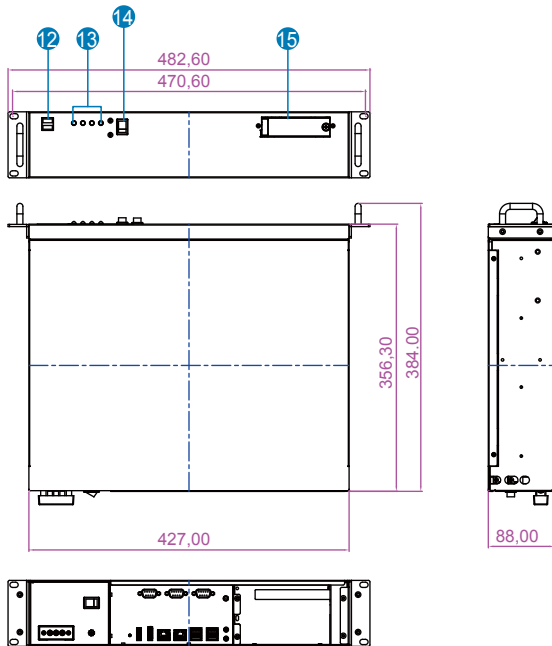
Intel® C236Platform

Embedded Automation Controller

IK7T-RK2U

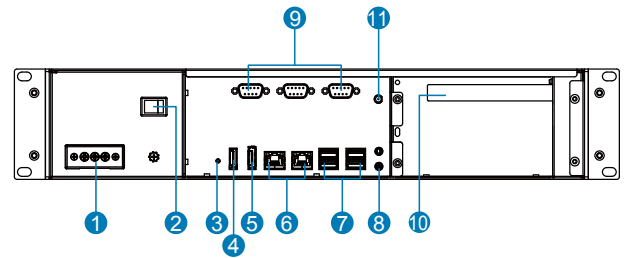


2 x Removable 2.5" Drive Bay



Features:

- i7-7700T 2.9GHz Processor (Turbo max to 3.8GHz)
- Support Intel vPro, AMT 11 remote management
- Support TPM 2.0 Function
- Two front 2.5" SATAIII disk drive for RAID 0/1 support
- Support 4 ports DI&DO for hardware On/Off switch to activate alarm, lamp
- Fanless, custom cooling system for i7 Server PC
- IEC 61850-3, IEC60068-2-64, IEC 60068-2-2 compliant



1. 1 x 3 Pin Acrylic protect connector for AC Input (3 PinTerminal Block)
2. Power Switch
3. Clear CMOS
4. HDMI 1.4a
5. DP 1.2
6. RJ-45 (10/100/1000 Mbps) x 2
7. USB 3.0 x 4
8. MIC in/Line out
9. Serial Ports
10. PCI Slots (Optional)
11. GPS Antenna (Optional)
12. USB 2.0 x 2
13. LED Status Indicators Power, HDD, LAN x 2
14. Power Switch
15. Removable 2.5" Drive Bay x 2

*Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

System Specification

Processor	: i7-7700T 2.9GHz Processor Turbo max to 3.8GHz
System Chipset	: Intel® C236
BIOS	: Insyde System BIOS
System Memory	: Support Two 260-pin DDR4-2400 SO-DIMM RAM. (UP to 32GB.) Up to 32GB
Ethernet Controller	: Intel® Ethernet Controller I211 + Intel® Gigabit Ethernet PHY I219
Watchdog Timer	: 10 levels
Storage	: 2 x 2.5" SATAIII HDD (up to 1TB) or 2 x 2.5" SATAIII SSD (up to 512GB) <i>*Two 2.5" SATAIII SSD or SSD storages are supporting RAID 0/1</i> 1 x m.2 KEY B SSD 128GB (up to 256 GB)
OS support	: Windows 10 IoT Enterprise

Mechanical and Power

Dimensions	: 482.6 mm x 356mm x 88mm (L x W x H) Mounted in 19" rack with 2U height
Construction	: Electroplated steel
Power Input	: 110V~ 240V DC/AC Input with ±20% range

* Customer can only select either one (SATAIII SSD or SATAIII HDD)

** All Specifications are subject to change without prior notice!

I/O Connectors

Front Sidel/O	: 1 x Power On/Off : 1 x Reset Button : 2 x USB 2.0
Back Side I/O	: 1 x 3 Pin Acrylic Protect Connector for AC Input : 3 x Serial Ports (1x RS232/422/485 Select by jumper) : 1 x Clear CMOS Button : 1 x HDMI 1.4 : 1 x DP 1.2 : 4 x USB 3.0 : 2 x 10/100/1000 Mbps Ethernet : 1 x Mic in, Line out Jack : 2 x PCI Slot (Optional) : GPS Antenna (Optional)
Indicator	: LED for Power, HDD, Ethernet

Environment Considerations

Operating Temperature	: -10~60°C (Fanless design)
Operating Humidity	: 10% to 90% (non-condensing)

Specs meet

Certification	: IEC 61850-3, IEC60068-2-64, : IEC 60068-2-2, CE, FCC compliant
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