

IV7W-RK2U

Intel® Core™ i7-3520M 2U Rack Server



KEY FEATURES

- IEC 61850-3, IEC60068-2-64, IEC 60068-2-2 certified
- Intel® Core™ i7-3520M 2.6GHz Processor, Turbo Max to 3.6 GHz
- 4GB DDR3 1333/1600 SO-DIMM RAM
- 3 x Serial Port(1x RS222/RS422/RS485 select by jumper)
- 2 x Giga LAN, 6x USB, Line in, Line out, Mic in, PS/2 for Keyboard& Mouse
- Support TPM 1.2 , 2U Rack Server
- Support Dual 128GB SATA SSD (Up to 512GB)
- Mounting in 19" rack with 2U height
- Fanless cooling i7 Server PC



SPECIFICATIONS

System Specification			
Processor	Intel 3rd. generation @ Ivy Bridge i7/i5/i3	Chipset	Intel® HM76 Intel® QM77 (Optional)
Memory	2 x SO-DIMM, DDR3 1333/1600 MHz, 4GB 8GB (Optional)	Storage	1 x mSATA SSD 128GB mSATA SSD up to 512GB (Optional) 1 x SATA II SSD / HDD, 1TB / 500GB (Optional) 1 x SATA III SSD / HDD, 1TB / 500GB (Optional)
Ethernet controller	2 x Broadcom Ethernet Controller BCM57780	Operating System	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)
Mechanical			
Dimension	482.6 x 384 x 88 mm	Mounting	2U Rack Mounting
Enclosure	Electroplated steel	Cooling System	Fanless design
Environment			
Operating Humidity	10% to 95% RH, Non-Condensing	Operating Temperature	-40°C to 70°C
Storage Temperature	-40°C to 70°C		
Certification			
Certification	CE, FCC IEC 61850-3 IEC 60068-2-64 IEC 60068-2-2		
IO Ports			
Power Input	1 x 3 Pin Acrylic protect connector for AC Input	USB Port	Front side 2 x USB2.0 (Type-A) Rear side 4 x USB3.2 Gen1x1 (Type-A)
Serial Port	3 x RS232/422/485 Select by Internal Jumper	Video	1 x VGA
Audio	1 x Mic in 1 x Line out 1 x Line in Jack	Expansion Port	2 x mPCIe slot(1 for WIFI, 1 for SSD) 2 x PCI Slot(x4, x16) Swappable 2.5" HDD/SSD Bay Slot (Optional)
LAN	2 x Giga LAN RJ45 Connector	Indicator	1 x LED Indicator for power 1 x LED Indicator for storage 2 x LED Indicator for LAN
PS/2	2 x PS/2 for Keyboard & Mouse		

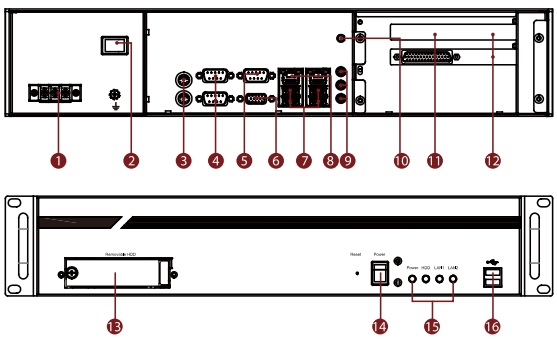
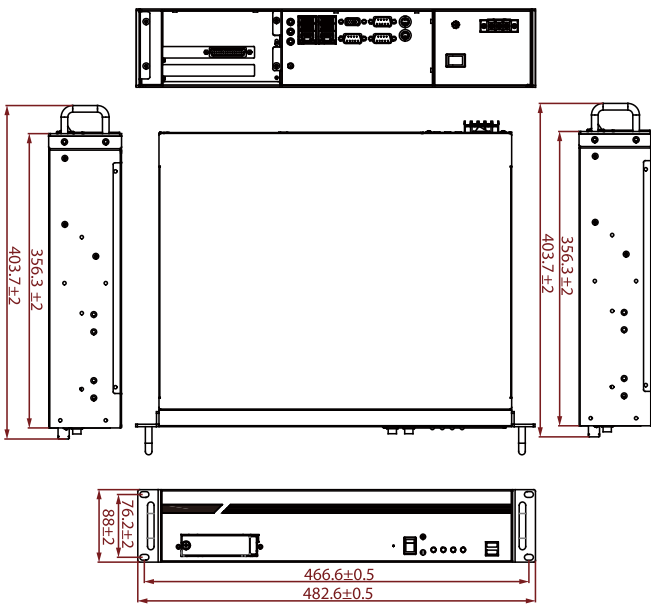
Control

Button	1 x Front side Power Switch 1 x Rear side Power Switch(power input control)
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Accessory

Accessory	Open Wire Cable for connecting terminal block
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DIMENSIONS UNIT:MM



- ① Power Input
- ② Power Switch
- ③ PS/2
- ④ COM
- ⑤ COM
- ⑥ VGA
- ⑦ USB Type-A
- ⑧ LAN
- ⑨ Audio
- ⑩ Reserved Antenna (Optional)
- ⑪ PCI Slot (Optional)
- ⑫ PCI Slot (Optional)
- ⑬ DIDO
- ⑭ Power Switch
- ⑮ LED Indicators
- ⑯ USB Type-A

NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. SATAIII SSD or SATAIII HDD are mutually exclusive, please choose either one.
4. All specifications are subject to change without prior notice.