

# IV70-Embedded Server PC

Intel® HM76 Platform

Embedded Automation Controller

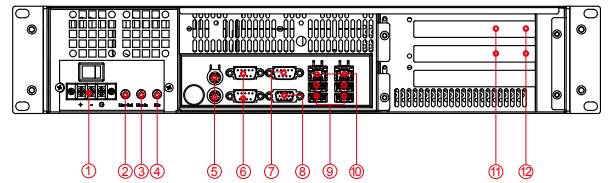
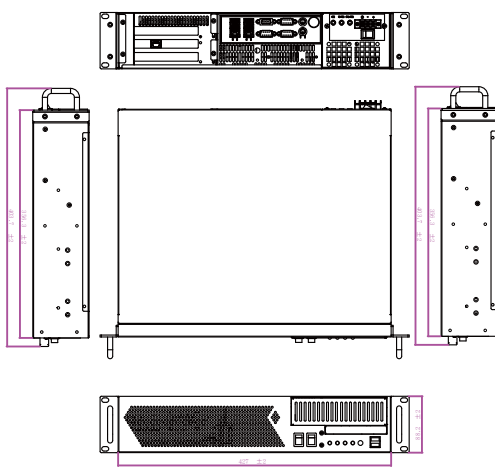
IV7T-RK2U

## Features:

- IEC 61850-3, IEC60068-2-64, IEC 60068-2-2 compliant
- Intel® Core™ i7-3320M 2.6GHz Processor
- Max 16GB DDR3 1333/1600(Default 4GB)
- 3 x RS232 Serial Ports
- 2 x Giga LAN, 6x USB, Line in, Line out, Mic in, PS/2 for Keyboard&Mouse
- Fanless, High efficiency thermal design w/ sealed construction
- 2.5" HDD 320GB
- Mounting in Standard 19"/2U Equipment Rack
- Fanless i7 Server PC



IV7T-RK2U



- |               |                         |
|---------------|-------------------------|
| 1. Power Jack | 6. RS-232 Conn.         |
| 2. Line out   | 7. RS-232/422/485       |
| 3. Line in .  | 8. VGA Conn             |
| 4. Mic        | 9. RJ45                 |
| 5. PS/2       | 10.USB 3.0              |
|               | 11. PCI Slot (Optional) |
|               | 12. PCI Slot (Optional) |

UNIT:mm

\* 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	: Intel® Core™ i7-3320M Processor (3M Cache, up to 2.6 GHz)
BIOS	: AMI UEFI BIOS
System Memory	: 2 x DDR3 1333 / 1600 MHz SO-DIMM Default 4GB (system max. 16GB)
Ethernet Controller	: Broadcom BCM57780 GbE Controller
Serial	: 2 x RS-232 1 x RS-232/422/485(select by jumper)
USB	: 4 x USB3.0 in back side 2 x USB2.0 in front side
Watchdog Timer	: 256 levels
Storage	: 2.5" HDD Default 320GB
OS support	: Win 7 embedded . WinXP embedded

### I/O Connectors

Front Side I/O	: 1 x Power On/Off : 1 x Reset Button : 2 x USB 2.0
Back Side I/O	: 1 x 3 pin Power Input : 2 x PS/2 for Keyboard & Mouse : 3 x RS232(1x RS422/485 by Jumper) : 2 x RJ-45 GigaLAN : 4 x USB3.0 : 1 x Mic in , Line out, Line in Jack
Indicator	: LED for Power, HDD, Ethernet and COM port

### Mechanical and Power

Dimensions (L x W x H)	: 482.6mm x 88mm x 356mm
Construction	: Electroplated steel
Power Input	: 100V-240V AC /DC input
Mounting	: 19" Rackmount

### Environment Considerations

Operating Temperature	: -10 to 60 deg.C
Operating Humidity	: 5% to 95% (non condensing)
Specs meteed	: IEC 61850-3, IEC60068-2-64, : IEC 60068-2-2, CE, FCC

Note: All Specifications are subject to change without prior notice!

Rev.	Reasons	Revised Date
1.0	First release	Mar-21-13

Revised Date:03/21/2013