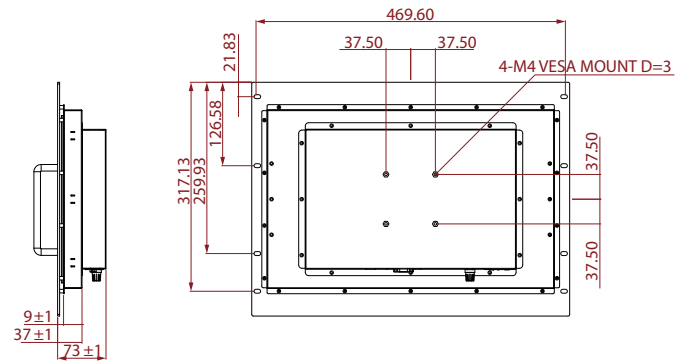
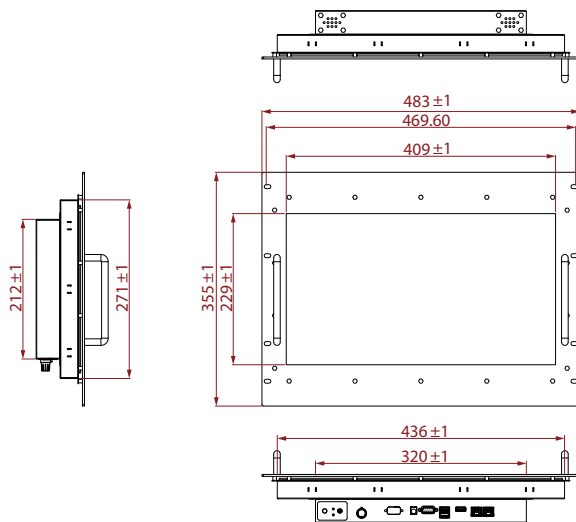


W18IK3S-RKA1 18.5" Rack Mount Panel PC (Intel® 7th Generation Core™ i5 Platform)

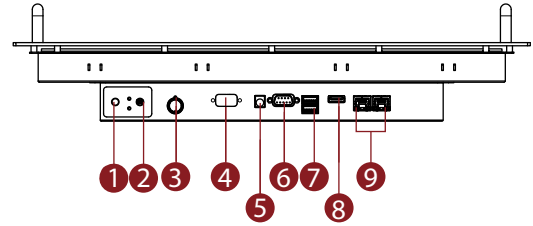
Mechanical Design



Rack Mount



Fully Integrated I/O



- 1 Power On Button
- 2 Power Reset Button
- 3 Brightness Adjustment Knob
- 4 RS232/422/485
- 5 12V DC in
- 6 RS232
- 7 USB 3.0 x 2
- 8 HDMI
- 9 LAN x 2

* Measurements shown in mm
 * All Dimensions are ±0.1mm
 * 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.

Specifications

System

- Processor : Intel® Core i5-7200U 2.6GHz (turbo to 3.5GHz)
Support Intel iAMT 12.0 with remote power on/off control
- BIOS : Insyde BIOS
- System Chipset : Intel® SoC Integrated
- System Memory : 4GB DDR4-2133 SO-DIMM
- Graphic Chipset : Intel® HD Graphics 620
- Storage : 64GB M.2 B Key SATA III
- LAN : Intel® Gigabit-LAN Controller
I211AT + PHY I219LM
- Audio : Realtek HD Audio Codec

Input / Output :

- USB Ports : 2 x USB 3.0
- Ethernet : 2 x RJ 45-10/100/1000 Mbps
- HDMI : 1 x HDMI 1.4 (Optional)
- RS232 : 1 x RS232, 1 x RS232/422/485

Power Specifications :

- Power Input : 12V DC in
- Power Consumption : 55W (Max backlight & High CPU load)

Accessories

- External AC power cord and 110~220V AC to DC Adapter

Panel Spec

- Size/Type : 18.5" TFT
- Resolution : 1920 x 1080
- Brightness : 350 cd/m² (typ.)
- Contrast Ratio : 1000:1 (typ.)
- Viewing Angle : -89~89(H); -89~89(V)
- Max. Colors : 16.7M (8bits/color)
- Touch Screen : 5-wire Resistive Touch

Mechanical Specification :

- Cooling System : Fanless Design
- Mounting : VESA Mount (75x75mm)
- Dimension (W x H x D) : 483 x 310 x 73 (mm)
- IP Rating : Front side IP65

Environment Considerations :

- Operating Temperature : 0 deg.C to 50 deg.C
- Operating Humidity : 10% to 90% (non condensing)

OS Support

- Windows 10 Professional

Certification

- IEC 61850-3, IEC60068-2-64, IEC 60068-2-2, CE, FCC



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

Revised Date: 14-Aug-2020 V1.1