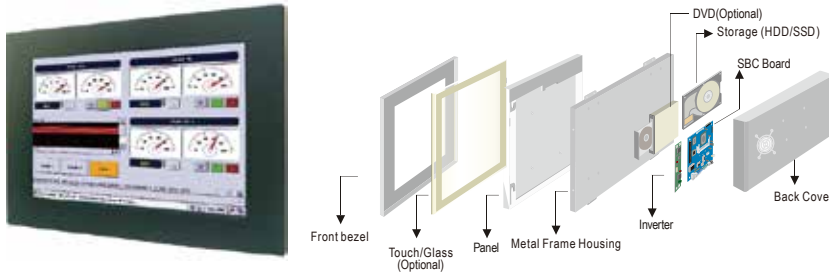


# R15IK7T-PMC3 15" Panel PC (Intel® 7th Generation Core™ i3/i5/i7 processor)

Mechanical Design



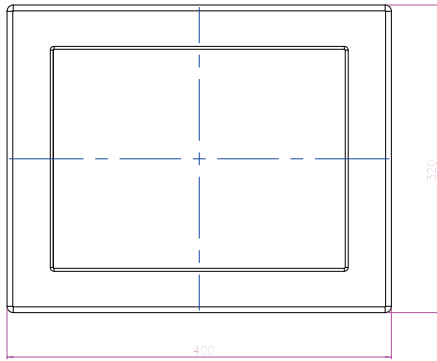
Panel Mount(10mm front bezel)

Mechanical design  
Dimensions

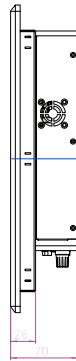
## Features:

- 15" 1024 x 768 Resolution
- Intel 7<sup>th</sup> Generation Core i3/i5/i7 processor (Kabylake)
- Flexible storage devices, one removable 2.5-inch HDD and one M.2 SSD
- 12V DC Power input
- DP Support 4096x2304@60Hz
- HDMI Support 4096x2304@24Hz

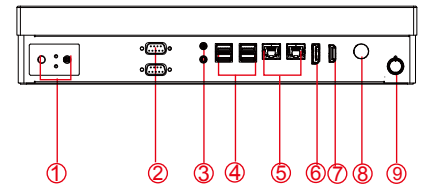
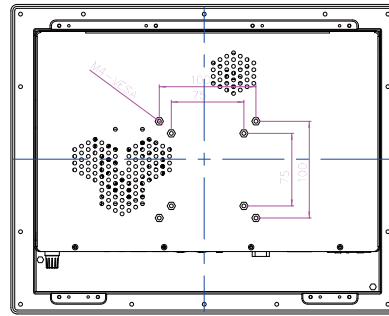
FRONT VIEW



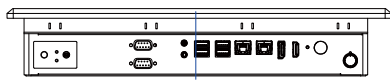
SIDE VIEW



BACK VIEW



- |  |                                   |
|--|-----------------------------------|
| 1. Power On Button/<br>Power Rest Button | 5. 2 x RJ45<br>(10/100/1000 Mbps) |
| 2. 1 x RS232/422/485                     | 6. DP 1.2                         |
| 3. Mic In/Line Out                       | 7. HDMI 1.4                       |
| 4. 4 x USB3.0                            | 8. 12V DC in                      |
|  | 9. Brightness Adjustment<br>Knob  |



BOTTOM VIEW

- \* Measurements shown in mm
- \* Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1 mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 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.

## Specifications

### System Specifications

- CPU : Intel® Core™ i7-7700T Processor, 2.9 GHz  
Intel® Core™ i5-7500T Processor, 2.7 GHz  
Intel® Core™ i3-7100T Processor, 3.4 GHz
- System Chipset : Intel® H170
- System Memory : 1 x SO-DIMM, Max 16Gb DDR4 2400 MHz default 4G
- Storage : 1 x M.2 SSD, Max 256GB  
1 x 2.5" 500GB HDD (default)
- Audio : Realtek ALC283 HD Audio Codec
- Network : Intel® Ethernet Controller I211-AT +  
Intel® Gigabit Ethernet PHY I219-LM

### Input / Output

- Serial Port : 1 x RS232/422/485, 1 x RS232(default RS232)
- USB Port : 4 x USB 3.0
- Ethernet : 2 x RJ45-10/100/1000 Mbps
- DP Port : 1 x DP 1.2
- HDMI Port : 1 x HDMI 1.4
- Audio : Mic in, Line out

### Power Management

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 58W (typ.)(Max.backlight & high CPU load)

### Accessories

- External Adapter : 110~240V Ac-in Power Adapter

### Display Specifications

- Size/Type : 15" TFT
- Resolution : 1024x768
- Contrast Ratio : 500:1 (typ.)
- Brightness : 250 nits
- Viewing Angles : -70~70 (H); -60~60 (V)
- Max Colors : 16.2M (6bits+FRC)

### Environment

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

### Security Support

- Trusted Platform Module (TPM 2.0)

### Order Options

- |   |                                     |
|---|-------------------------------------|
| Mechanical : Panel Mount(10 mm bezel)                     | Storage : 2.5"HDD/2.5" SSD/ M.2 SSD |
| Touch : 5 Wire Resistive (Optional)<br>AR Glass(Optional) | RAM : DDR4 2400 Max 16GB            |
|   | OS : Windows 10 IoT Enterprise      |

### Expansion Slot

- 2 x M.2(1 for WiFi, 1 for SSD), 1 x PCIe x 16(Optional)

\*Customized housing required if you need to have the PCIe expansion

### OS BSP/Driver Support

- Support Windows 10 IoT Enterprise