

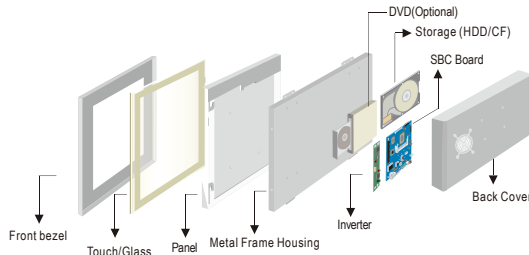
# R15IK7T-IPC3

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

## Mechanical Design



**IP65 (10mm front bezel)**



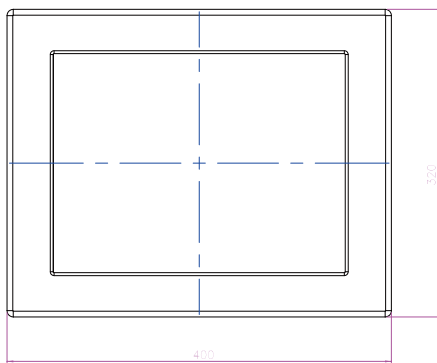
**Modularized Construction**

### Features:

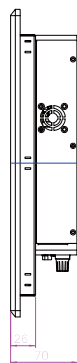
- 15" 1024 x 768 Resolution
- Intel 7th Generation Core i3/i5/i7 processor (Kabylake)
- Flexible storage devices, one 2.5-inch HDD and one SSD
- Multiple I/Os, Two Serial Ports and Four USB 3.0 Ports
- 12V DC Power input
- DP Support 4096 x 2304@60Hz
- HDMI Support 4096 x 2304@24Hz

## Dimensions

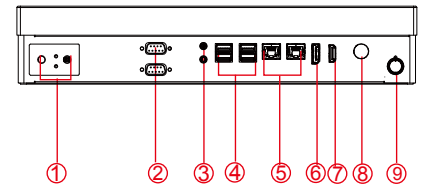
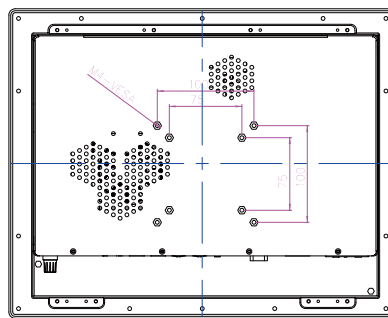
FRONT VIEW



SIDE VIEW



BACK VIEW



- |  |                                      |
|--|--------------------------------------|
| 1. Power On Button/<br>Power Rest Button | 5. 2 x RJ45-45<br>(10/100/1000 Mbps) |
| 2. 2 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     |

### Fully Integrated I/O

- \* 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.



BOTTOM VIEW

## Specifications

### System

- Processor : 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® 8 series Chipset(C236)
- System Memory : 2 x SODIMM, Max 32GB DDR4L 2400 MHz, default 4GB
- Storage : 1 x M.2 SSD, Max 256GB  
1 x 2.5" 500GB HDD (default)
- LAN : Intel® Ethernet Controller I211-AT +  
Intel® Gigabit Ethernet PHY I219-LM
- Audio Codec : Realtek ALC283 HD Audio Codec

### Input / Output

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

### Power Specifications

- Power Input : 12V DC IN
- Power Consumption : 85W (typ.)(Max.backlight & high CPU load)

### Accessories

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

### Panel Spec

- Size/Type : 15" TFT LCD
- Resolutions : 1024 x 768
- Brightness : 250 nits (Optional 400 nits)
- Contrast Ratio : 500 : 1(typ.)
- Viewing Angles : -88~88(H); -88~88(V)
- Max Colors : 16.2M

### Environment Considerations

- 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 : IP65                         | Storage : 2.5" HDD/ M.2 SSD    |
| Touch : 5-Wires Resistive                 | RAM : SODIMM DDR4L             |
| Panel : 1000 cd/m <sup>2</sup> (Optional) | OS : Windows 10 IoT Enterprise |
|   | Power : 9~36V DC in(Optional)  |

### Expansion Slot

- 2 x M.2 (1 for WiFi, 1 for SSD ), 1 x PCIe16

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

