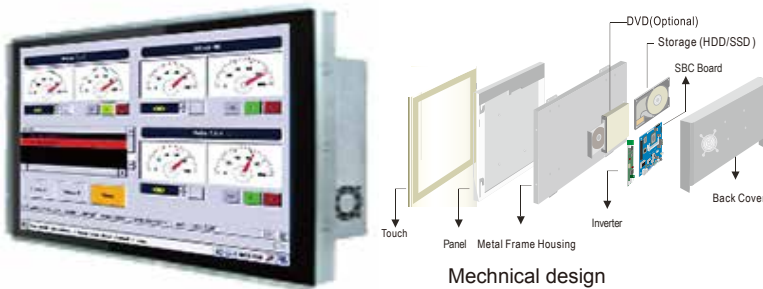


# W24IK7T-POA2 23.8" Panel PC (Intel 7<sup>th</sup> Generation Core i3/i5/i7 Processor)

Mechanical Design



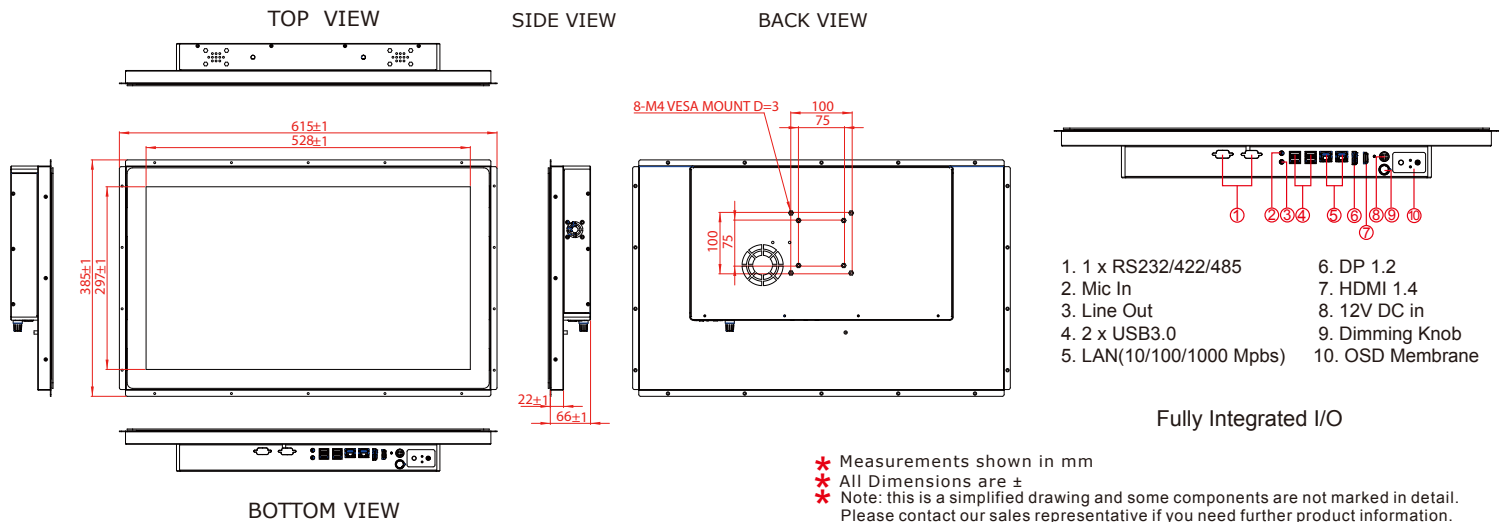
Open Frame

Mechanical design

## Features:

- 23.8" 1920 x 1080 Resolution
- Intel 7<sup>th</sup> Generation Core i3/i5/i7 processor (Kaby Lake)
- Flexible storage devices, one 2.5-inch HDD and one SSD socket
- Multiple I/Os, Two Serial Ports and Four USB 3.0 Ports
- 12V DC Power input
- DP Support 4096x2304@60Hz
- HDMI Support 2560x1600@60Hz

## Dimensions



## 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 4GB
- Storage : 1 x M.2 SSD, Max 512GB  
1 x 2.5" 500GB HDD (default)
- Audio : Realtek HD Audio Codec
- Network : Intel® Ethernet Controller I211-AT + Intel® Gigabit Ethernet PHY I219-LM

### Input / Output

- Serial Ports : 2 x RS232/422/485(default RS232)
- USB Ports : 4 x USB 3.0
- Ethernets : 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 : 103W (typ.)(Max.backlight & high CPU load)

### Accessories

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

### Display Specifications

- Size/Type : 23.8" TFT
- Resolution : 1920 x 1080
- Contrast Ratio : 3000:1 (typ.)
- Brightness : 250 nits
- Viewing Angles : -89~89 (H); -89~89 (V)
- Max Colors : 16.7M (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 : Open Frame	Storage : 2.5"HDD/2.5" SSD/ M.2 SSD
Touch : P-CAP	RAM : DDR4 2400 Max 16GB
	OS : Windows 10 IoT Enterprise

### Expansion Slot

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

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