

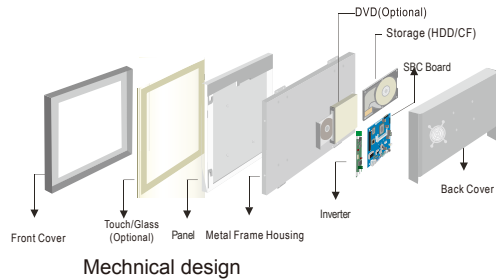
W24IK7T-IPA2

23.8" Panel PC (Intel 7th Generation Core i3/i5/i7 Processor)

Mechanical Design



Chassis

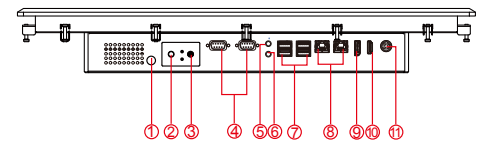
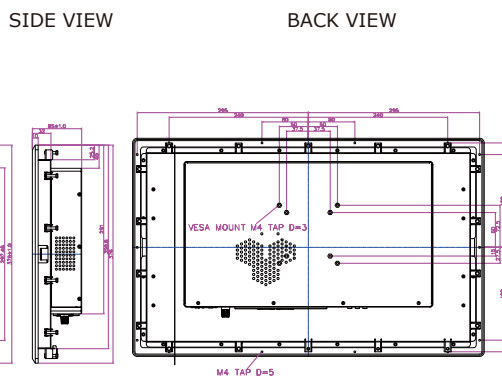
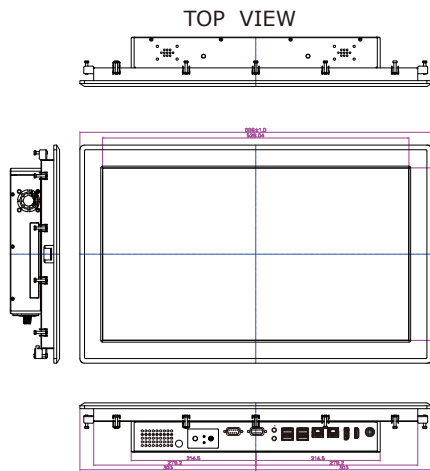


Mechanical design

Features:

- 23.8" 1920 x 1080 Resolution
- Intel 7th Generation Core i3/i5/i7 processor (Kaby Lake)
- Flexible storage devices, one 2.5-inch HDD/SSD and one M.2 SSD socket
- Multiple I/Os, Two Serial Ports and Four USB 3.0 Ports
- 12V DC Power input
- DP Support 4096x2304@60Hz
- HDMI Support 4096x2034@24Hz

Dimensions



- | | |
|-------------------------------|-----------------------------------|
| 1. Brightness Adjustment Knob | 7. 2 x USB3.0 |
| 2. Power On Button | 8. 2 x RJ45-45 (10/100/1000 Mbps) |
| 3. Power Reset Button | 9. DP1.2 |
| 4. RS232/422/485 | 10.HDMI 1.4 |
| 5. Mic In | 11.12V DC in |
| 6. Lin Out | |

Fully Integrated I/O

- * Measurements shown in mm
- * All Dimensions are ±
- * 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, 2.9~3.8 GHz
Intel® Core™ i5-7500T, 2.7~3.3 GHz
Intel® Core™ i3-7100T, 3.4 GHz
- System Chipset : Intel® C236
- System Memory : 2 x SODIMM, max.32GB DDR4 2400 MHz, default 4GB
- Storage : 1 x M.2 SSD
1 x 2.5" 500GB HDD (default)
- LAN : Intel® Ethernet Controller I211-AT +
Intel® 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

Expansion Slot

- 2 x M.2 (1 for WiFi, 1 for SSD), 1 x PCIe x16
- *Customized housing required if you need to have the PCI expansion

Panel Spec :

- Size/Type : 23.8" TFT
- Resolutions : 1920x1080
- Brightness : 250 cd/m² (typ.)
- Contrast Ratio : 3000:1 (typ.)
- Viewing Angles : -89~89 (H) ; -89~89 (V)
- Max Colors : 16.7M (8bits/colors)

Environment Considerations

- Operating Temperature : 0 °C to 50 °C
- Operating Humidity : 10% to 95% (non-condensing)

Security Support

- Trusted Platform Module (TPM 2.0)

Order Options :

Mechanical : IP65	Storage : 2.5" HDD / M.2 SSD
	RAM : SODIMM DDR4
	OS : Windows 10 IoT Enterprise
Touch : 5-Wires Resistive(Default) AR Glass(Optional)	DVD : Yes (Optional)
<small>(Customized housing required if you have the demand of SAW/IR/IT/SC touch)</small>	

Power Specifications :

- Power Input : 12V DC IN