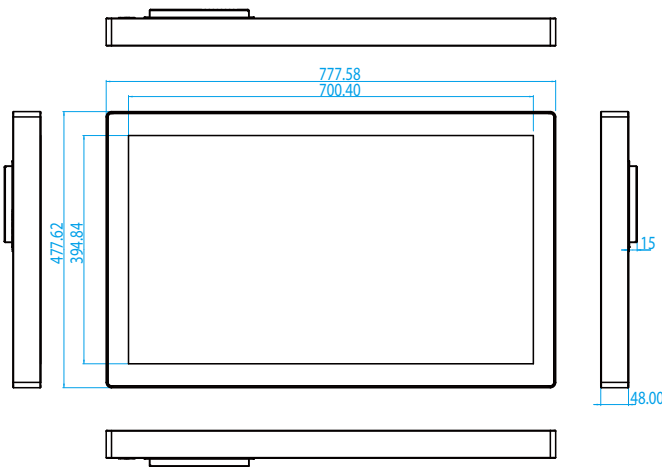


# W32IK7T-PCA3 32" Panel PC (Skylake Intel® 6th Generation Core i3/i5/i7 Processor)

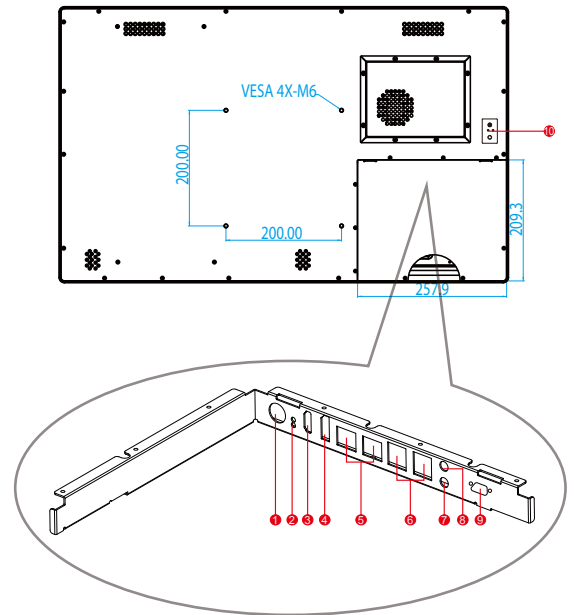
## Mechanical Design



FRONT VIEW



REAR VIEW



1. 24V DC IN
2. Clear CMOS Button
3. HDMI 1.4
4. Display Port 1.2
5. RJ-45 x 2
6. USB 3.0 x 4
7. Microphone In
8. Line In
9. RS232 Connector
10. OSD Control Panel

- \* 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	
• CPU	: Intel® Core™ i7-6700TE 2.4GHz Processor, 8M Cache, up to 3.40 GHz Intel® Core™ i5-6500TE 2.30 Processor, 6M Cache, up to 3.30 GHz Intel® Core™ i3-6100TE 2.7GHz processor, 4M Cache
• Memory Slot	: 2 x SO-DIMM DDR4 2133 MHz RAM (Max 32GB)
• System Chipset	: Intel® Q170 Chipset
• IDE/SATA	: 4 x SATA III
• LAN	: Intel® Ethernet Controller I210-AT + Intel® Gigabit Ethernet PHY I219-LM
• Audio Codec	: Realtek ALC823 HD Audio Codec

Input / Output	
• DC Jack	: 1 x Din 4P DC Power Jack
• Buttons	: 1 x Clear CMOS Button
• HDMI	: 1 x HDMI, supports HDMI 1.4, Max resolution 4096 x 2160@24Hz
• DisplayPort	: 1 x Display Port, supports DP 1.2, Max resolution 4096 x 2160@60Hz
• Ethernet	: 2 x RJ45-10/100/1000Mbps
• USB Ports	: 4 x USB 3.0
• Audio	: 1 x Mic In (3.5ø Phone Jack), 1 x Line Out (3.5ø Phone Jack)
• Serial Ports	: 1 x RS232 Connector

Power Specifications	
• Power Input	: 24V DC IN
• Power Consumption	: 100 (typ.) (Max. backlight W & high CPU load)

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

Panel Spec	
• Size/Type	: 32" TFT LCD
• Resolutions	: 1920 x 1080
• Brightness	: 350 cd/m2 (typ.)
• Contrast Ratio	: 3000 : 1 (typ.)
• Viewing Angles	: -89~89(H); -89~89(V)
• Max Colors	: 16.7M

Environment Considerations	
• Operating Temperature	: 0~ 50°C
• Operating Humidity	: 5% ~ 95% (non-condensing)

OS BSP / Driver Support	
• Support	Windows 7 / Windows 8 Embedded / Windows 10 IoT Enterprise

Order Options			
Mechanical	: Front IP65	Storage	: 2.5" SATAIII HDD or SSD/M.2 SSD slot (B key), Max 512GB
Touch	: Projective-Capacitive Touch	RAM	: DDR4 2133 MHz RAM (Max 32GB)
		OS	: Windows Embedded Std. 7 Windows 7 PRO for Embedded System Windows Embedded 8.1 Industry Pro Windows 10 IoT Enterprise