



## Features

- 1920 x 1080 Full HD Display & Capacitive Touchscreen
- Fanless Cooling System
- Front IP65 Rated Full Flush Bezel Aluminum Chassis
- Multiple VESA Mounting Options
- Wide Input Voltage Range (8-24V DC)
- Windows 11 IoT, Windows 10 IoT or Windows 10 Pro Compatible

## Technical Specifications

### Primary Components

Processor Family	Intel Core I series 7th Generation Kaby Lake
Processor Model	Core i3-7100U
Processor Speed	2.4 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	64GB-512GB

### Display

Screen Size	21.5
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

### Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Hardness	7H

### External I/O Ports

USB	4x USB 3.0
Serial / Com	4x COM
Serial Protocol Detail	3x RS-232, 1x RS-232/422/485 (set in BIOS)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x HDMI
Other Ports	1x 8-bit GPIO Terminal Block
Audio Ports	1x Audio Line-Out, 1x Mic-In
Power Input Port	3-Pin DC-In (Phoenix Type)

## Power

Input Voltage Range 8-24V DC

## Operating Systems

Windows Windows 10 IoT, Windows 10 Pro

## Expansion Slots

Internal M.2 1x M.2 Type E

## Multimedia

Speakers 2x 2W Speakers

## Thermal & Environmental

Operating Temperature 0°C - 50°C (32°F – 122°F)  
Storage Temperature -20°C - 60°C (-4°F – 140°F)  
Cooling Solution Passive – Fanless  
Humidity Range 10% – 90% Non-condensing  
Storage Humidity 10% – 90% Non-condensing

## Enclosure

Material Aluminum  
IP Rating IP65 Front Bezel  
Color Silver  
Control Buttons Power Button, Power Reset  
Shock Rating 10g for 11ms  
Mounting Options Panel Mount, VESA 100 Mount, VESA 75 Mount

## Peripherals & Wireless Connectivity

WiFi Optional

## Weight / Dimensions

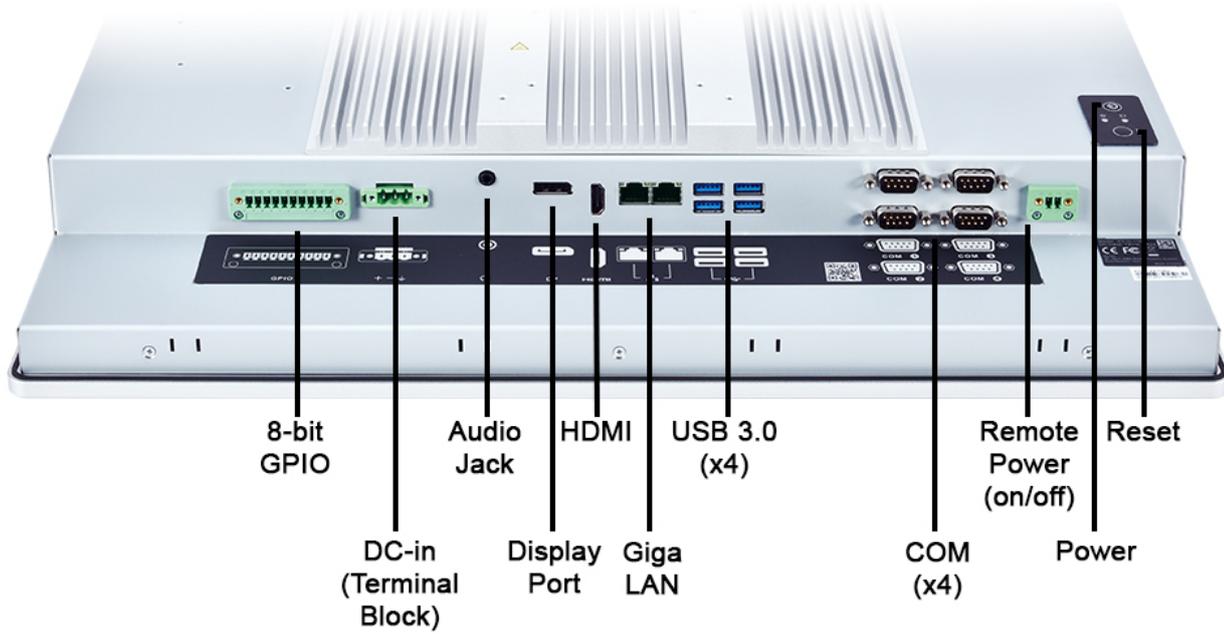
Weight 8 kg (17.6 lbs)  
Dimensions 508 x 308 x 83 mm (20.0 x 12.1 x 3.3 in)

## Certification

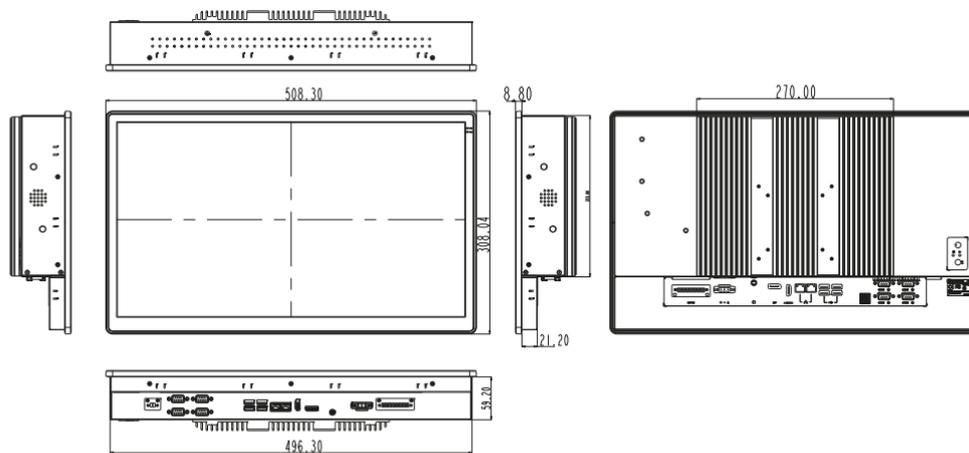
Certifications

CE, FCC Class B, IEC 60068-2-27 for Vibration / Shock

I/O Diagram Images



Tech Diagram Images



Suggest cut out dimension: 497mm x 297mm

*All specifications are subject to change without notice.*