



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 10 IoT or Windows 10 Pro Compatible

Technical Specifications

General

Main Category Industrial Computer

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"

Resolution 1920 x 1080 (Full HD)

Screen Ratio 16:9

Brightness 250 nits

Viewing Angle 170° (H), 160° (V)

Number of Colors Supported 16.7M

Expansion Slots

Internal Mini PCIe 1x Mini-PCIe

Internal M.2 1x M.2 Type E

Multimedia

Speakers 2x 2W Speakers

Thermal and Environmental

Operating Temperature Array (32°F – 122°F)

Storage Temperature Array (-4°F – 140°F)

Humidity Range 10% – 90% Non-condensing

Storage Humidity 10% – 90% Non-condensing

Cooling Solution Passive – Fanless

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Hardness	7H
Lifetime Usage	30,000 hrs

Enclosure

Material	Aluminum
Ip Rating	IP65 Front Bezel
Color	Silver
Control Buttons	Power Button, Power Reset
Shock Rating	10g for 11ms
Vibration Rating	2G, 5Hz – 500Hz, random for SSD
Mounting Options	Panel Mount, VESA 100 Mount, VESA 75 Mount

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	1x Audio Line-Out, 1x Mic-In
Power Input Port	3-Pin DC-In (Phoenix Type)

Peripherals & Wireless Connectivity

WiFi	Optional
------	----------

Power

Input Voltage Range	8-24V DC
---------------------	----------

Dimensions / Weight

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

Battery

Certification

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

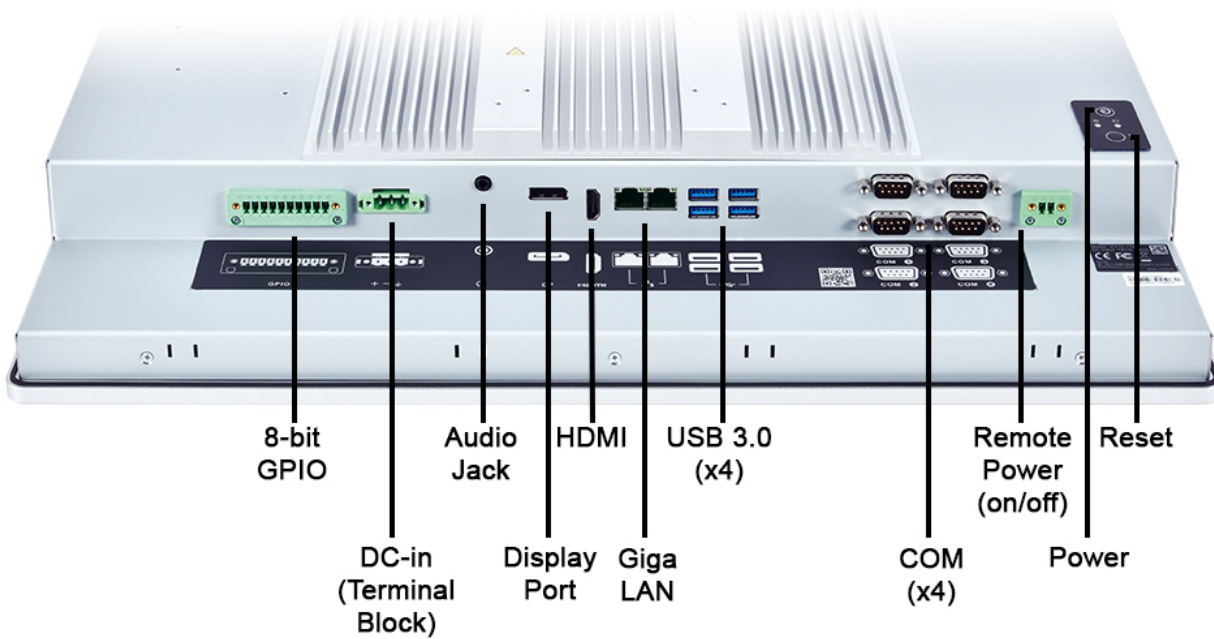
Operating Systems

Filters

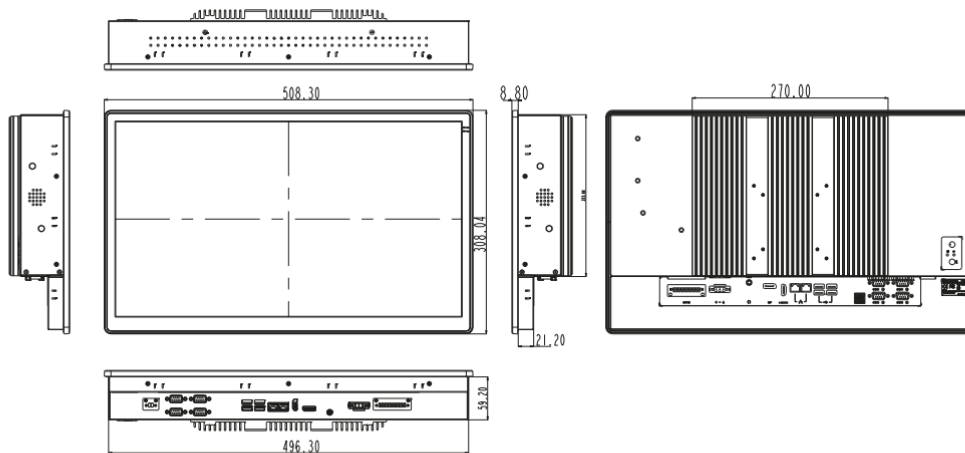
Windows	Windows 10 IoT, Windows 10 Pro	Main Category Filter	Industrial Computer
---------	--------------------------------	----------------------	---------------------

Compatibility

Inputs / Outputs



Technical Drawings



Suggest cut out dimension: 497mm x 297mm

All specifications are subject to change without notice.