



Features

- Full Metal Construction
- Intel Celeron Apollo Lake Processor
- 64GB – 1TB Storage Available
- Projected Capacitive Touchscreen
- IP65 Rated Front Bezel
- Fanless Cooling System

Technical Specifications

General

Main Category Industrial Computer

Primary Components

Processor Family Intel Celeron Apollo Lake
Processor Model N4200
Processor Speed 1.10 GHz
Memory Type 2x DDR3L SO-DIMM
Memory Support 4GB, 8GB
Storage type 1x 2.5" SATA Drive Bay for
 SSD/HDD, 1x M.2 SATA3
 2280 Slot
Storage support 64GB-512GB

Display

Screen Size 15"
Resolution 1024 x 768 (XGA)
Screen Ratio 4:3
Brightness 300 nits
Viewing Angle 176° (H), 176° (V)
Number of Colors 16.7M
Supported

Expansion Slots

Internal M.2 1x M.2 Type E, 1x M.2 Type B
PCIe Expansion 1 x M.2 2280 B key, 1 x M.2
Details 2230 E key (PCIe / USB)

Multimedia

Speakers 2x 2W Speakers

Thermal and Environmental

Operating Array
Temperature (-4°F – 140°F)
Storage Temperature Array
 (-4°F – 158°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	70,000 hrs

Enclosure

Material	Aluminum
Ip Rating	IP65 Front Bezel
Color	Black
Led Indicator Light	Power
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

External I/O ports

USB	4x USB 3.0
Serial / Com	2x COM
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	3.5mm DC-in Jack, 3-Pin DC-In (Phoenix Type)

Peripherals & Wireless Connectivity

WiFi	Optional
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Power

Input Voltage Range	8-24V DC
Standard Power Adapter	AC/DC adapter included

Dimensions / Weight

Weight	4.3 KG (9.5 lbs)
Dimensions	283 x 360 x 67 mm (11.1 x 14.2 x 2.6 in)

Battery

Certification

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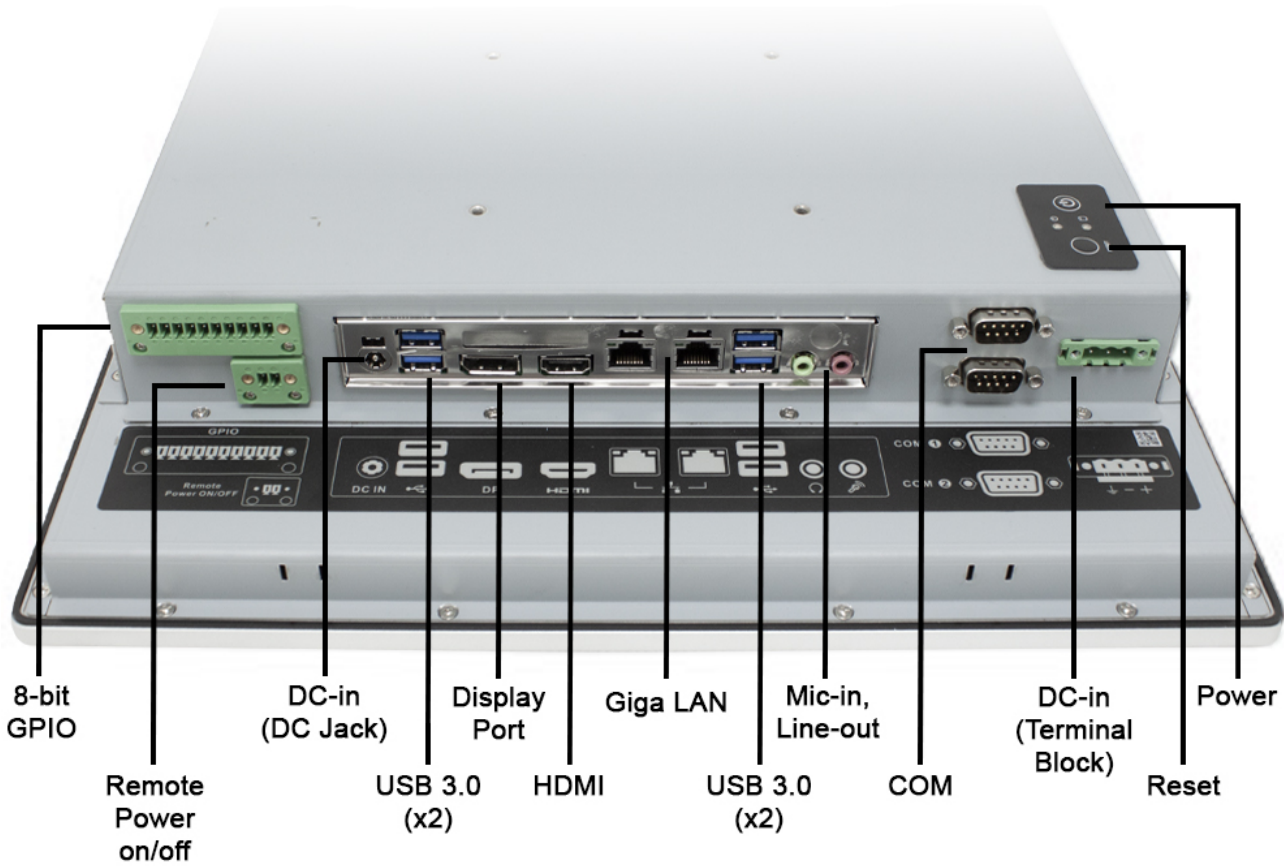
Operating Systems

Filters

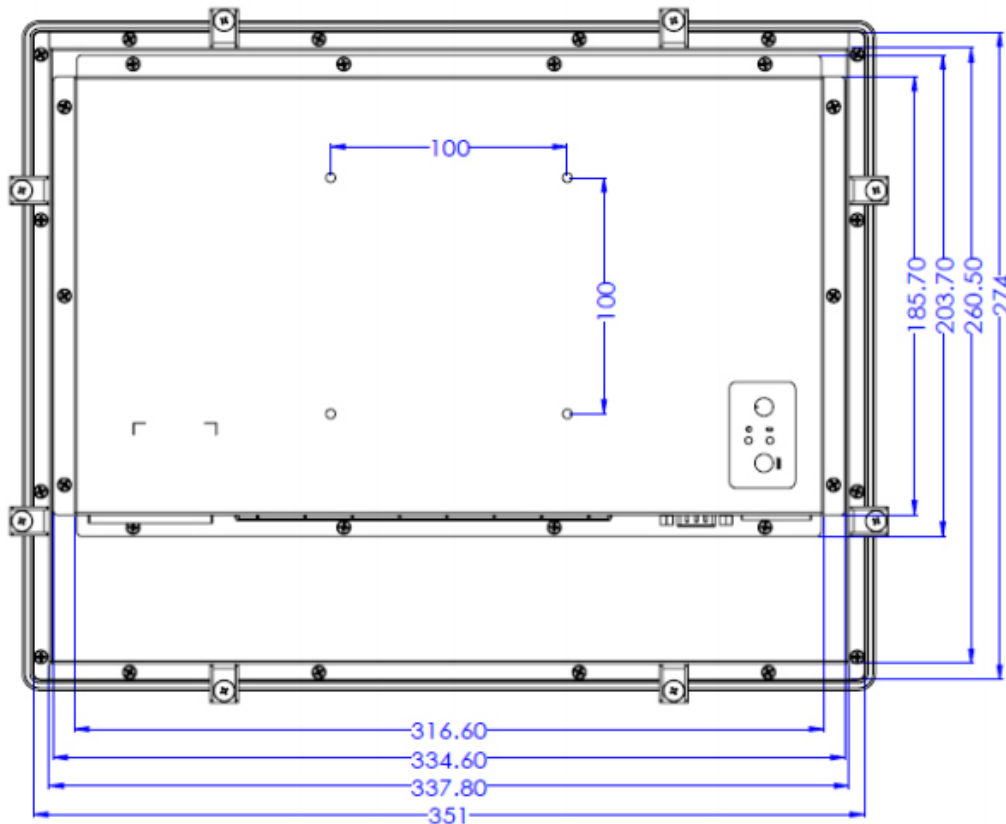
Windows	Windows 10 IoT, Windows 10 Pro
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Compatibility

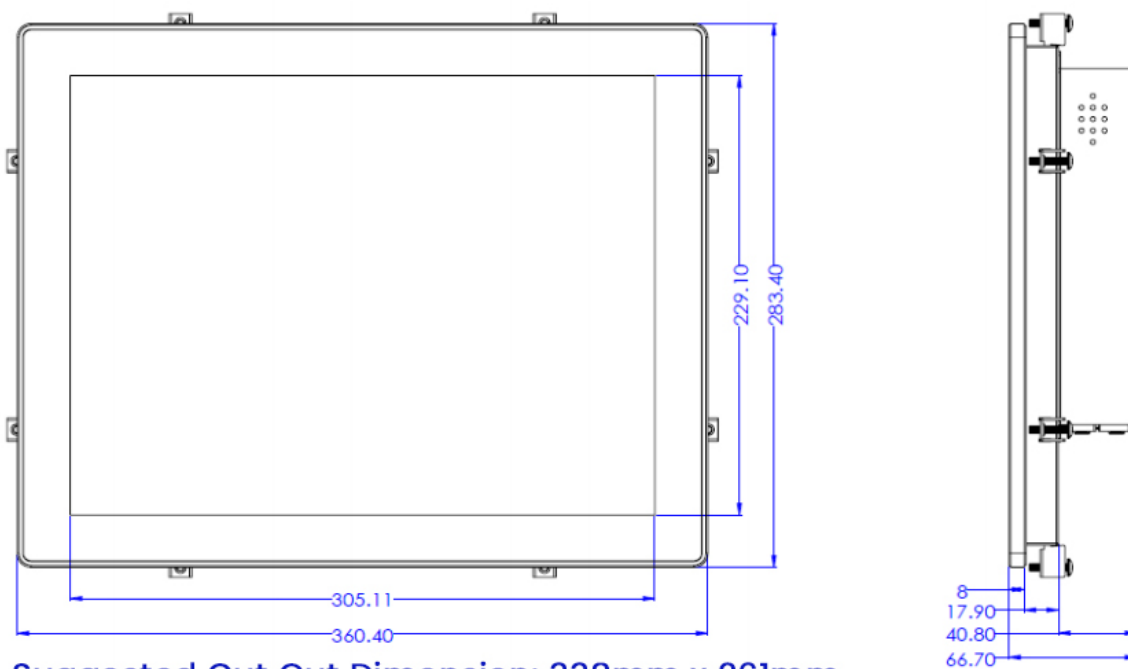
Inputs / Outputs



Technical Drawings



Suggested Cut Out Dimension: 338mm x 261mm



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All specifications are subject to change without notice.