



### Features

- 21.5" Resistive or P-Cap Touchscreen
- Intel 4th Gen Core i3/i5 Haswell CPU
- Onboard DDR3L with up to 8GB Memory
- Easy Accessible Storage
- Fanless Silent Design
- IP65 Waterproof Front Bezel

### Technical Specifications

#### System

Processor	Intel® 4th Gen Core i3/i5
Chipset	SoC
Storage	2.5" SATA 2 Drive
Memory (RAM)	4GB, 8GB

#### Display

Screen Size	21.5"
Type of Backlight	LCD
Screen Resolution	1920 x 1080
Display Ratio	16:9
Contrast Ratio	3000:1
Brightness	250 (cd/m <sup>2</sup> )
Viewing Angle	178 / 178

#### Touch Screen

Light Transmission	80% Resistive (90% P-Cap)
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#### I/O Ports

USB 2.0	2 x USB 3.0 type A
Serial	1 x RS-232 DB-9, 1 x RS-232 with Optional RS-232 /422/485 DB-9 Setting
Ethernet	2 x RJ45 GbE
Other Ports	1 x 2 Pin DC Power Switch Connector
DC Jack	Input with 3 Pin Terminal Block
Audio In/out	1 x Audio Line Out Phone Jack

#### Operating System

Operating System	Windows 10 Pro, Windows 10 IoT, Windows 8.1 Pro, Windows 8.1 Embedded, Windows 7 Pro, Windows 7 Embedded
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#### Power

DC Input / Source Voltage	9-36V DC
Power Consumption	34 Watts Max

#### Expansion Slots

Mini PCIe Slot (internal)	1 x Mini PCIe full-size On Board Expansion Bus
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#### Operating Temperature

Operating Temperature	0° to 50° C or 32° to 122° F
Storage Temperature	-20° to 60° C or -4° to 158° F
Humidity Range	10% to 90% @ 40° C or 104° F Non-Condensing

#### Cooling System / Thermal Solution

Thermal Solution	Passive - Fanless with Heatsink
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#### Dimensions / Weight

Weight (kg)	7.5000
Dimensions	557 x 64.8 x 362 mm

#### Enclosure

Bezel	IP65 Protected
Material	Aluminum
Mounting	Panel Mount, VESA Mount, Wall Mount
Cleaning Instructions	Recommend warm water with soft cloth. Not recommended to clean with chlorine, acetone, or methyl alcohol.

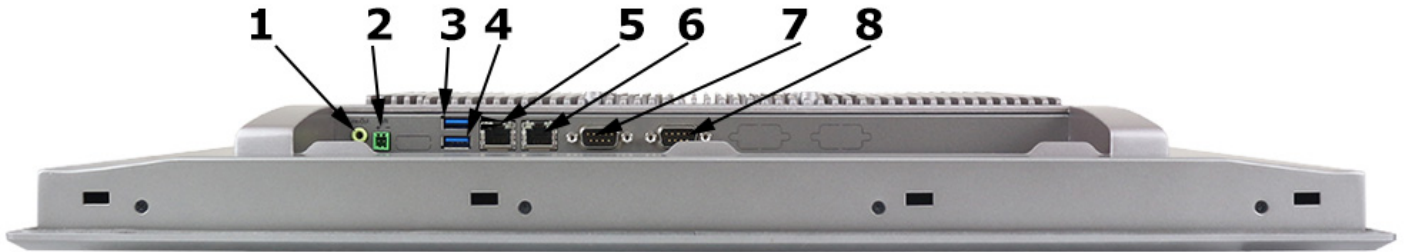
#### Certification

Certification	CE / FCC Class A Certification
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#### Warranty

Warranty	Up to 5 Years
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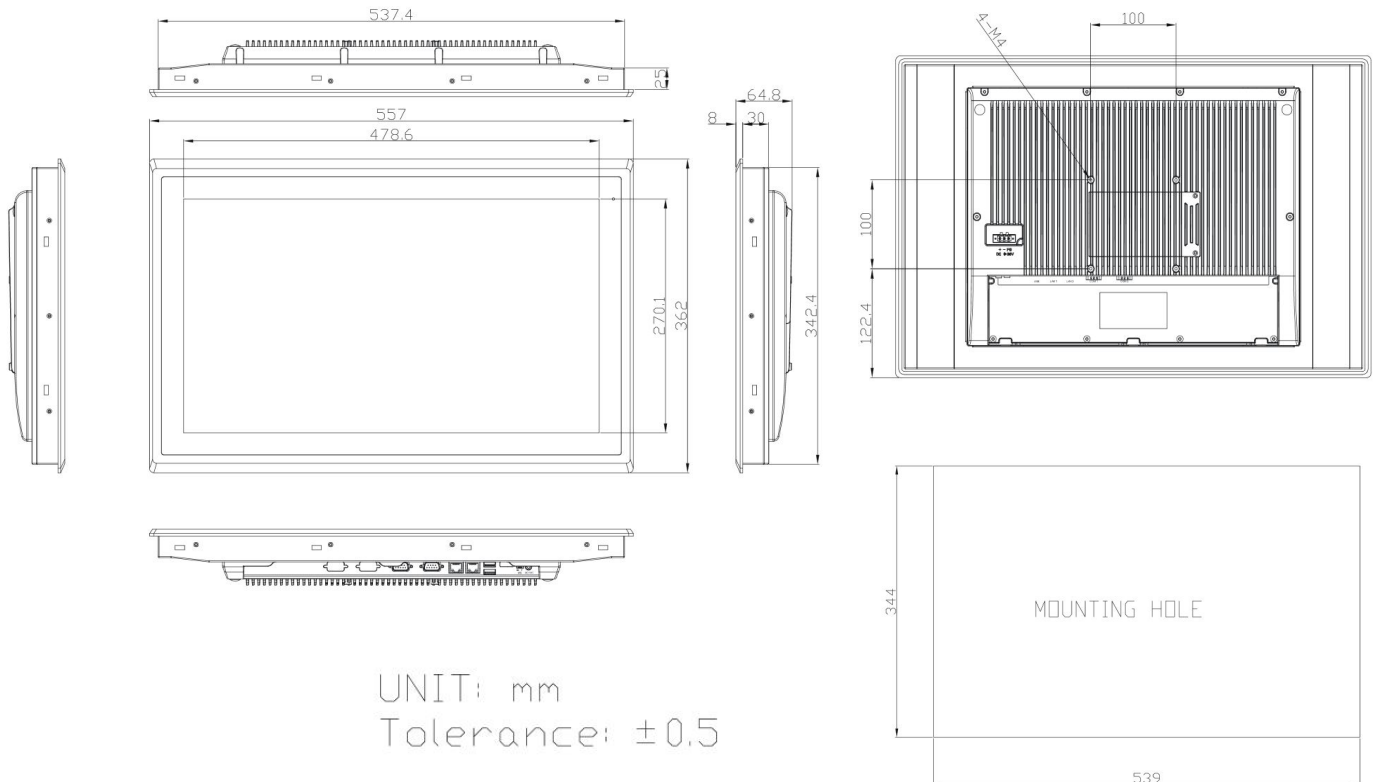
Inputs / Outputs



- 1. Audio Line Out
- 2. 2 Pin Connector for Power Switch
- 3. USB 3.0 Type A
- 4. USB 3.0 Type A

- 5. LAN RJ-45 Port
- 6. LAN RJ-45 Port
- 7. Com Port 1
- 8. Com Port 2

Technical Drawings



UNIT: mm  
Tolerance:  $\pm 0.5$



For more Information Contact:  
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*All specifications are subject to change without notice.*