



Features

- 21.5" Resistive or P-Cap Touchscreen
- Intel 4th Gen Core i3/i5 Haswell CPU
- Onboard DDRL3 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
RAM	4GB Standard, 8GB Optional

Display

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

Touch Screen

Touchscreen	Resistive Touchscreen, Optional P-Cap Touchscreen
Light Transmission	80% Resistive (90% P-Cap)

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

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

Peripherals & Devices

Extra Features	Optional PoE (Power over Ethernet)
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Certification

Certification	CE / FCC Class A Certification
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Warranty

Warranty	Up to 5 Years
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All specifications are subject to change without notice.

22" Industrial Panel PC | TP-3045-22

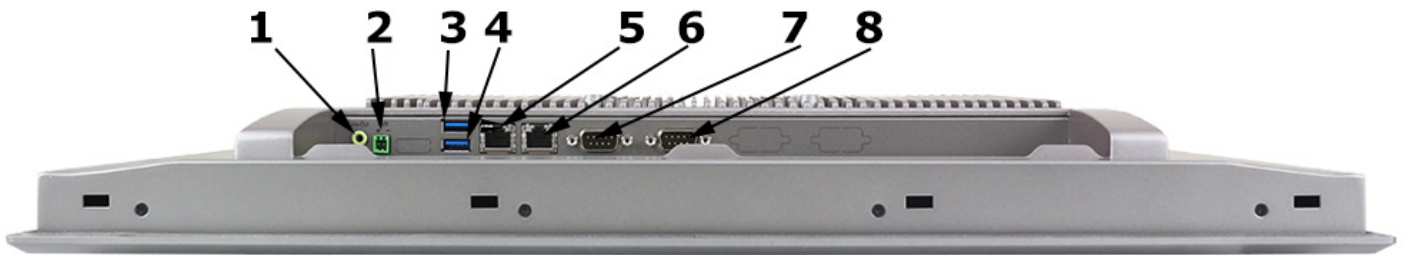
All-In-One Touchscreen Computer

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Computers

OS (Support)

Windows 10, Windows 8.1 Embedded,
Windows 8 Embedded, Windows 8
Embedded Pro, Windows 7 Pro (32/64
bit), Windows 7 (32/64 bit), Windows 7
Embedded Pro

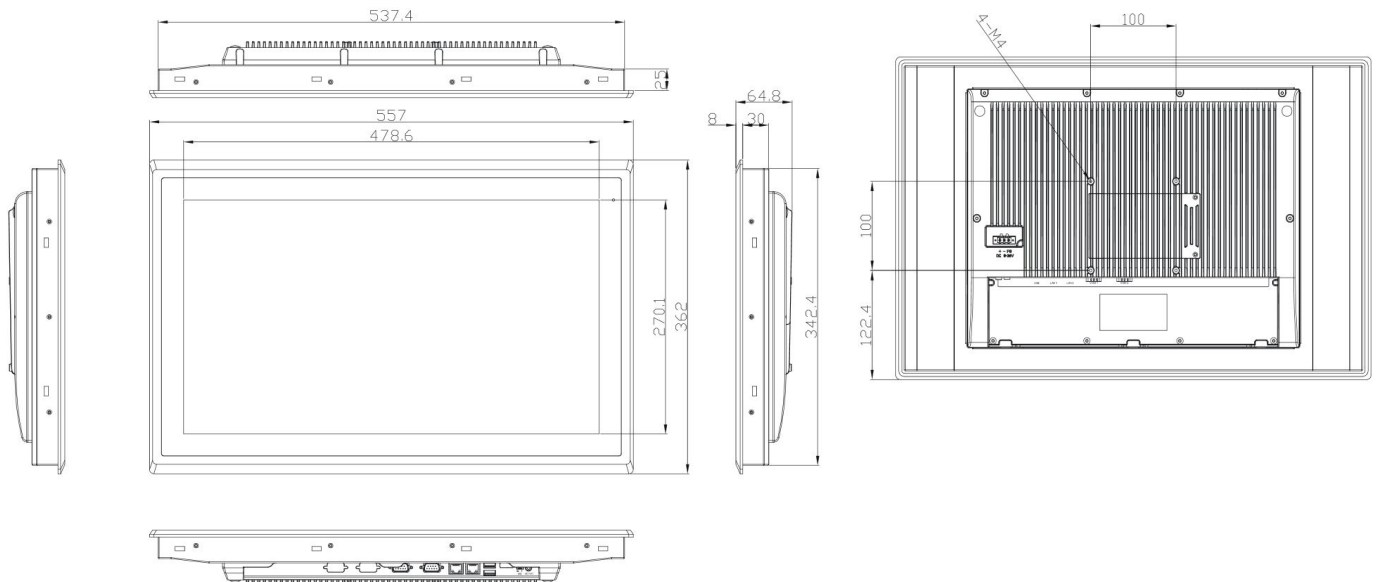
Inputs / Outputs



- 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

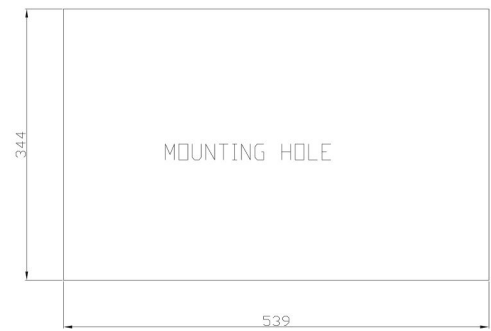


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All-In-One Touchscreen Computer

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UNIT: mm
Tolerance: ± 0.5



For More Information Contact:

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