

TSX-5010-15

15" Class 1 Division 2 Computer



Key Highlights

- 15" Full Flat Resistive Touch Panel
- Intel 6th Gen Core i5 CPU
- Class 1 Div 2, ATEX Zone 2, and IECEx Certified
- IP66 / NEMA 4X Enclosure
- Fully Sealed, Fanless Design

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The TSX-5010-15 is an explosion proof panel PC certified for hazardous locations. This computer is CID2, ATEX Zone 2, and IECEx certified, as well as IP66 / NEMA 4X compliant, and it features an Intel Skylake processor and Intel Graphics HD. This rugged PC is built with SUS304 stainless steel and it has a wide operating temperature of $-20 \sim 60 \text{ }^\circ\text{C}$. The 15" resistive touchscreen has a 4:3 aspect ratio, ideal for many HMI and SCADA applications. The TSX-5010-15 has 4x USB, 2x LAN, and 2x COM ports. The TSX-5010-15 is available with an optional wall mount bracket, desktop stand, panel mount front bezel, or the VESA mounting holes can be used.

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 6th Generation Skylake
Processor Model	Core i5-6200U
Processor Speed	2.3 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	128GB - 512GB

Power

Standard Power Adapter	100W AC-DC power adapter with 24V DC output, 1.2M cable, 100W AC-DC power adapter with 24V DC output, 50M cable (optional)
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Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro
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Compatibility

Security Hardware	Optional TPM 2.0
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Thermal & Environmental

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

Certification

Certifications	CE, FCC Class B, Hazardous Location (CID2, ATEX Zone2, IECEx), IEC 62368
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Warranty

Warranty	Up to 5 Years
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Specifications subject to change.

Display

Screen Size	15"
Screen Ratio	4:3
Brightness	450 nits

Touch Screen

Touch Screen	Resistive
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External I/O Ports

USB	4x USB 2.0
Serial / Com	2x COM
Serial Protocol Detail	2x MI2 8-pin RS-232
Ethernet / LAN	2x RJ45 GbE LAN
Other Ports	Cable Glands - 4x Empty (Populate with USB and LAN)

Expansion Slots

Internal M.2	1x M.2 Type E
Video Card Support	Intel Graphics HD

Enclosure

Material	SUS304 Stainless Steel
Mounting Options	Panel Mount Bezel (optional), VESA 100 Mount, Yoke Mount

Weight / Dimensions

Weight	11 kg (24.3 lbs)
Dimensions	435 x 350 x 84 mm (17.1 x 13.8 x 3.3 in)

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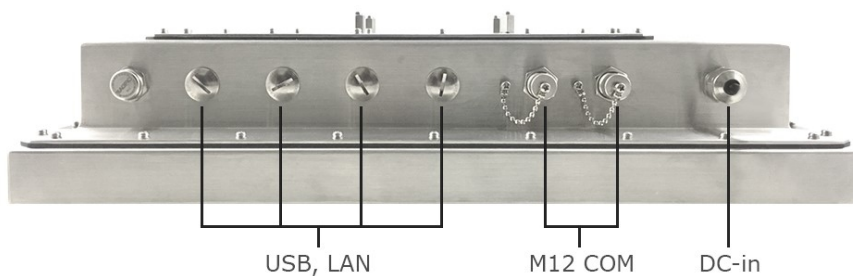
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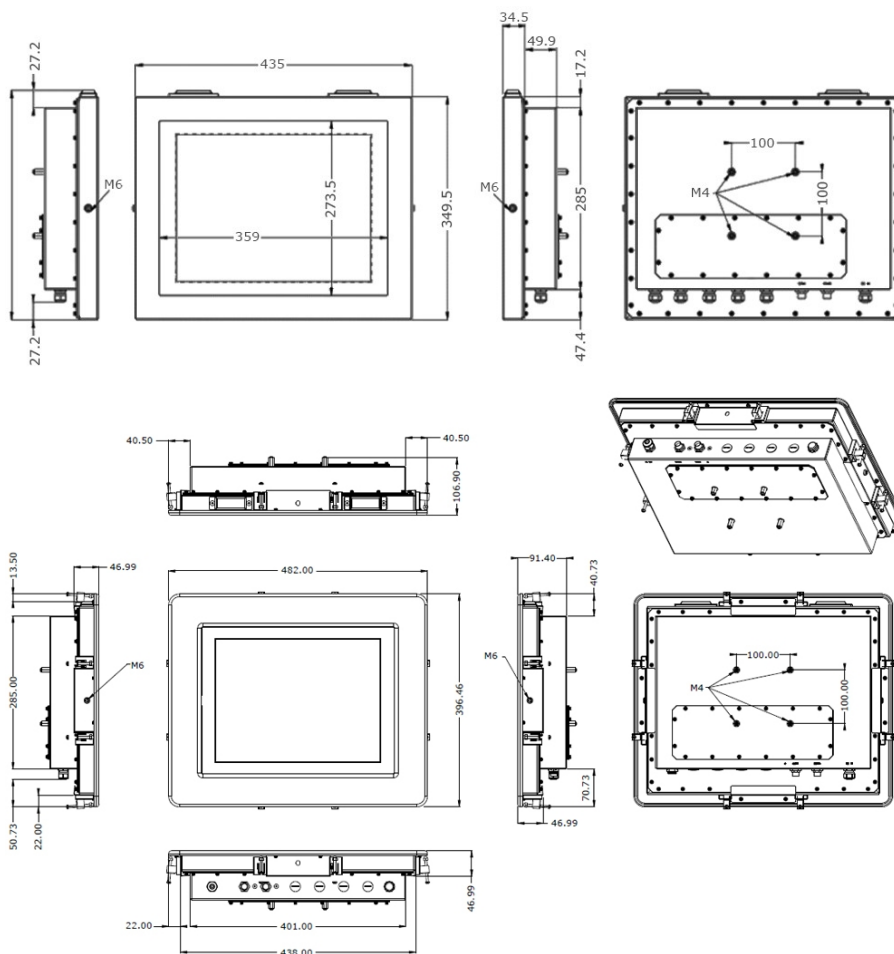
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I/O Diagram Images



Tech Diagram Images



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