

# TSX-2920-15

## 15" Class 1 Div 2 Computer



### Key Highlights

- 15" P-Cap Touchscreen
- Intel Celeron N2930 Processor
- Class 1, Division 2 Certified for Use in Hazardous Areas
- MIL-STD-810F/G and Fully IP65 Certified
- Wide Temperature Range (-20°C to 50°C)
- Optional 1000 Nit High Brightness LCD

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The TSX-2920-15 is built for applications where gas, flammable air particles, or dust creates a hazardous environment where electrical equipment can increase the risk of explosions. This computer is Class 1 Division 2 (CID2) certified, ensuring that it cannot emit any sparks that can cause an explosion in these hazardous settings. The stainless steel enclosure is rated IP65 waterproof and dustproof and this PC carries a MIL-STD-810F/G shock and vibration rating. The TSX-2920-15 can withstand a wide temperature range and has a fanless, highly efficient heat dissipation system. This explosion proof computer features a 1024 x 768 resolution LCD touchscreen and an Intel HD graphics video controller. With an Intel Celeron CPU, this PC can run ERP software, SCADA systems, or act as a data hub for your hazardous area application.

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# Technical Specifications

## Primary Components

Processor Family	Intel Celeron Bay Trail
Processor Model	N2930
Processor Speed	1.83 GHz
Memory Type	1x DDR3L SO-DIMM
Memory Support	2GB, 4GB, 8GB
Storage Type	mSATA
Storage Support	32GB-512GB

## Power

Input Voltage Range	9-36V DC with Isolation
Max Power Consumption	56W
Standard Power Adapter	12V / 84W AC-to-DC Adapter (not CID2, For Testing Purposes Only)

## Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro
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## Thermal & Environmental

Operating Temperature	-20°C - 50°C (-4°F - 122°F)
Cooling Solution	Passive - Fanless
Humidity Range	10% - 95% Non-condensing

## Weight / Dimensions

Weight	11.5 kg (25.4 lbs)
Dimensions	396 x 310 x 49 mm (15.6 x 12.2 x 1.9 in)

Specifications subject to change.

## Display

Screen Size	15"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	16:9
Brightness	550 nits, Optional 1000 nit High Brightness

## Touch Screen

Touch Screen	Projected Capacitive
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## External I/O Ports

USB	1x M12 8Pin for USB 1/2
Serial / Com	1x COM
Serial Protocol Detail	1x M12 RS-232/RS422/RS485 Connector, Default RS232
Ethernet / LAN	1x M12 8pin RJ45 Gbe LAN
Audio Ports	1x Audio Line-Out
Power Input Port	M12 type 3-PIN DC-in

## Enclosure

Material	Stainless Steel
IP Rating	IP65
Mounting Options	VESA 100 Mount

## Certification

Certifications	CE, FCC
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## Warranty

Warranty	Up to 5 Years
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## I/O Diagram Images



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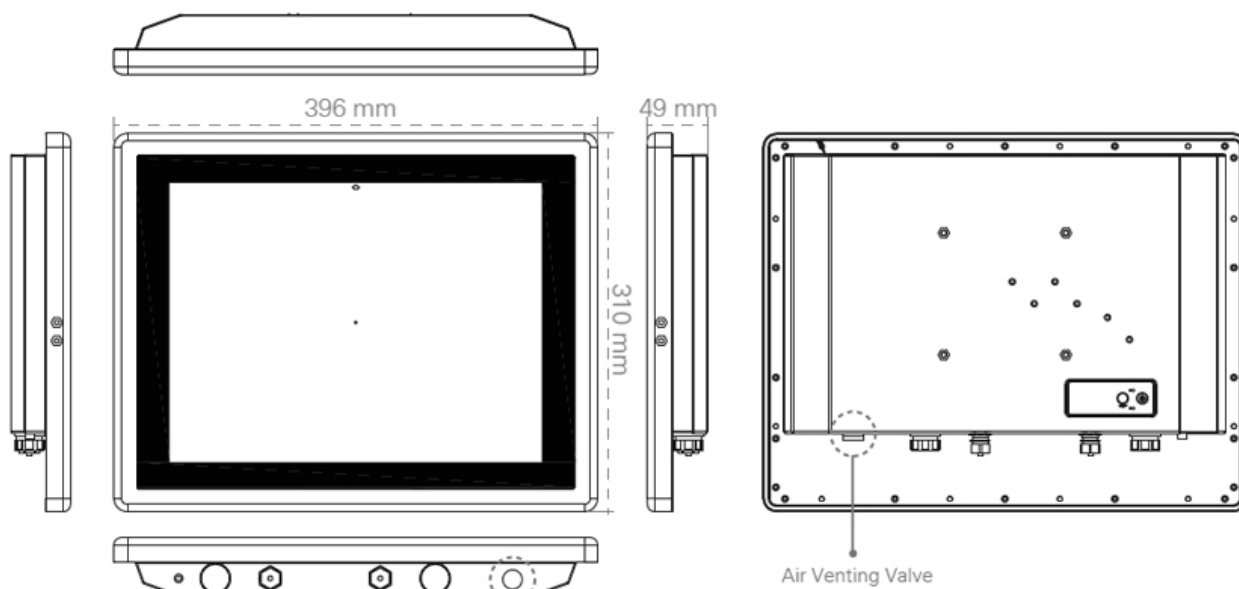
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## Tech Diagram Images



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