Industrial Computers For Hazardous Environments

Ruggedized for Class 1 Div 2 and ATEX (Zone 2)

Series D

First Class Hardware Designed For Your Rugged and Outdoor Environments

- Reduce installation, test, implementation, and maintenance time and effort
- Remove hardware/software incompatibility issues
- Gain flexibility with hardware independence
- Standardize and Save on Best in class
- Trust in a single source solution

wonderware.com/hmi-scada/industrial-computers

Industrial Computers

For Hazardous Environments - Series D

Product at a glance

- Built with high temperature components – For harsh and rugged outdoor environments
- Preinstalled OS, Drivers, and HMI software – Fast implementation, consistency
- Modular Construction – Fast install, easy maintenance, fewer spare parts
- On-board Disaster Recovery – Peace of mind
- No Moving Parts – Durability/Reliability
- Either panel mounted or self-contained pedestal mounted
- One source of support – Single Solution

Hazardous Environment PC Benefits

You can now have the InTouch Panel PC bundle fit for outdoor and hazardous environments. Our Class 1 Div 2/ATEX (Zone 2) hardware class signifies it has been manufactured and tested to meet stringent requirements for hazardous environments. Specifically, for areas where ignitable concentrations of flammable gases, vapors or liquids are likely to exist under normal operating conditions.

Break Free from Proprietary Hardware

Factory-tested, certified and ready to work right out of the box, the InTouch Panel PCs for hazardous environments include pre-installed InTouch HMI software. Break free from functionally weak, proprietary and closed hardware products with a fully functional Microsoft Windows based PC which gives you flexibility to run other software necessary to run your process.

Built-in Disaster Recovery

With our new dedicated solid state built-in recovery drives, systems can be restored onto off-the-shelf drives within minutes. No more frantic searching for recovery DVDs — disaster recovery is built in.

Advanced-Exchange Program

Advance-Exchange program to help you keep spare inventory costs down. If a device needs to be replaced, we send out the replacement immediately and let you send us back the original within 30 days. No need for deposit or pre-payment for replacement systems.

Just One Number to Call for Support!

We offer local support on a global scale from more than 200 locations around the globe, plus 1,500 Certified System Integrators, and with 24/7/365 technical support. Both hardware and software are supported by our award-winning technical support organization.

Modular Design Makes Your Life Easier

A fully-modular construction with many field replaceable interchangeable components makes modifying and servicing our family of InTouch Panel PCs a breeze. This enables you to service them easier and reduce inventory.

Reduce costs by expanding the use of software powered by Wonderware HMI software throughout your organization. Now Executives, Engineers, Operators, and Maintenance personnel across your organization can experience the same best-in-class HMI increasing collaboration and understanding while lowering overall costs.
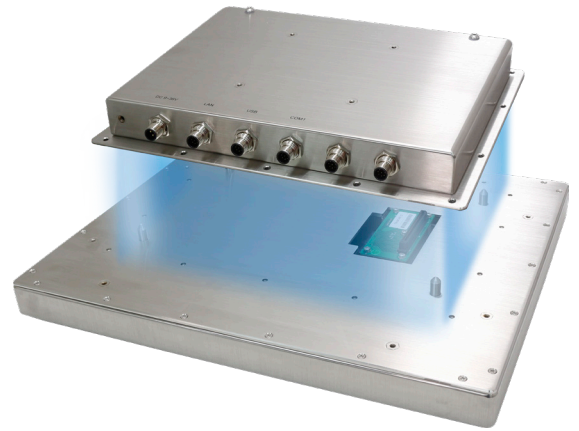
Life Is On | Schneider Electric

Industrial Computers
For Hazardous Environments - Series D

Standardization on InTouch Panel PCs lowers costs in:

- Application Development Hardware
- Software Integration
- Implementation
- Operator Training
- Software Administration
- Maintenance

Retain and fully utilize your engineering investment while gaining standardization throughout your organization. Enable your IT department to reduce the time they spend on software administration and management by using Wonderware software and hardware as a standard across all your HMI systems.

Industrial Computers

For Hazardous Environments - Series D

	InTouch Panel PC for Hazardous Environments	
	Standard	**Premium**
Software Configuration		
OS	Windows 10 Pro	
Bundled Software	InTouch Runtime, InTouch for System Platform	
System Hardware		
Processor	Intel® Celeron™ N2930 up to 2.1 GHz	Intel® Core™ i5-6300U up to 3 GHz
Memory	4 GB DDR3L	8 GB DDR3L
Expandable	N	N
Graphics Processor	Intel HD graphics	Intel HD graphics 520
Drives		
Mass Storage	128 GB SATA SSD	267 GB SATA SSD
Built-in Disaster Recovery	Y-64 GB mSATA w/Acronis True Image	
Interface Ports		
Ethernet	1 x M12 8-pin Ethernet TCP/IP - RJ45	
USB	1 x M12 8-pin with 2 x USB 2.0	
Serial	1 x M12 8-pin COM 1 (RS232/422/485)	
External Video	1 x M12 12-pin VGA	
General Features		
Modular Components	Y	Y
Fanless	Y	Y
Expansion Slots	N	N
Rated Input Voltage	1 x M16 3-pin 9-36 VDC (100-240 VAC adapter included)	
Bezel/Housing	316 stainless steel chassis	
Mounting Options	VESA 100 x 100 or panel cutout	
Environmental		
Protection Class	IP65 NEMA 4/4X wash-down sealed	
Operating temperature	'-20˚C to 60˚C (-4˚F to 140˚F)	
Shock during operation	IEC60068-2-27 compliance: 15 gn for 11 ms	
Vibration during operation	IEC60068-2-64 compliance: 5-500 Hz: 1 Grms	
Storage temperature	'-30˚C to 70˚C (-22˚F to 158˚F)	
Storage humidity	10 to 90% @ 40˚C (non-condensing)	
Electromagnetic compatibility	CE, FCC Class A	
MTBF	50,000 hours (display)	
Certifications		
Europe	ATEX II 3 G, Ex nA ic IIC T4 Gc	
U.S.A. / Canada	UL/cUL 61010, Class I Division 2 Group A, B, C, D, T4	
Warranty		
Period	2 years Advanced Exchange	

Life Is On | Schneider Electric

Industrial Computers

For Hazardous Environments - Series D

Physical/Display Specifications										
Size	Touch Type	Aspect Ratio	Resolution	Brightness	Cutout Dimensions (W x H)	Viewing Angle (H / V)	Color Support	Contrast Ratio	Overall Dimensions (W x H x D)	Weight (kg / lb)
Headless	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	324 x 219 x 37.5 mm	3.8 / 8.4
15"	Projective Capacitive	4:3	1024 x 768	1,000	367 x 292 mm	160/150	16.2 M	800:1	399 x 324 x 70 mm	9.3 / 20.5
15.6"	Projective Capacitive	16:9	1920 x 1080	400	412.4 x 262 mm	161/140	16.7 M	700:1	440 x 290 x 65 mm	9.7 / 21.4
19"	Projective Capacitive	4:3	1280 x 1024	1,000	438 x 356.6 mm	170/160	16.7 M	1,000:1	470 x 389 x 75 mm	11 / 24.3
21.5"	Projective Capacitive	16:9	1920 x 1080	300	539 x 330 mm	178/178	16.7 M	5,000:1	418 x 353.7 x 94.6 mm	12.9 / 28.4

Further Information

For more information on how Wonderware software can help you, visit our site:
wonderware.com/hmi-scada/industrial-computers Or contact your local Wonderware distributor.

The Industry's Leading Ecosystem

Our worldwide Partner Ecosystem represents thousands of partners all with the goal of helping you succeed. They can help you with InTouch as well as the full breadth of our Enterprise Control offerings.

Authorized Distributors –Our distributors combine their knowledge of our products with a clear understanding of your needs to assist you in the selection and purchase of the Wonderware products and related technologies.

System Integrator Partners – Our integrator partners can deliver cost effective solutions using our products across all industries, including yours. Today our Wonderware system integrator community includes more than 3,500 engineering firms worldwide.

Industry Solution Partners – Our solution partners work closely with application software providers, OEMs and VARs to offer industry-specific solutions.

Partner Products – These complementary products add value to solutions and expand the value of our solutions to our customers.