

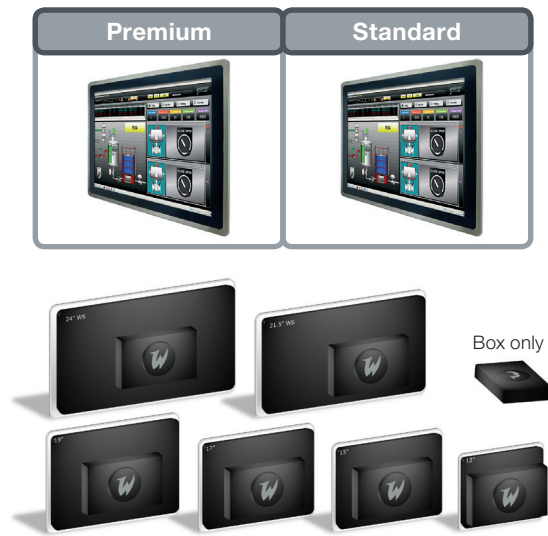
# InTouch Panel PC

Standard / Premium  
Series D

The Wonderware® InTouch® Panel PC provides users the freedom and power to use a PC-based Wonderware InTouch platform with applications that previously used closed, proprietary terminals.



## Series D InTouch Panel PC Features



Schneider Electric is the world leader in delivering industrial strength software solutions that simplify the complexity in your operation.

Whether a manufacturing operation, infrastructure operation, a Value-Added Reseller (VAR) or Original Equipment Manufacturer (OEM) machine builder, Wonderware Industrial Computers InTouch Panel PCs are the perfect complement to hardware or software standardization efforts. Wonderware Industrial Computers are ruggedized for harsh environments and come pre-installed with the operating system, drivers and Wonderware product software needed for fast and easy implementation.

Wonderware Industrial Computers allow organizations to break free from proprietary hardware and functionally weak graphic interfaces. The Series D, InTouch Panel PCs are solid-state and offer more screen sizes, screens and boxes which are interchangeable across both product lines. This enables standardization on one common and powerful visualization interface for machine level applications and supervisory Human Machine Interface (HMI). Forward thinking standardization helps fully leverage engineering investments, shorten development cycles, bring more value to users and lower overall costs.



### PRODUCT AT A GLANCE

- Break free from proprietary hardware
- Modular design with tool-less component removal increases efficiency and reduces downtime
- Dedicated disaster recovery drive with bundled Acronis True Image
- No moving parts throughout entire product range; Solid state drives and fanless cooling standard
- Advanced Exchange Program
- Complete bundled solution
- Selectable version of Wonderware InTouch automatically installed and licensed
- Ordering made simple
- One source of support
- Eliminate software / hardware incompatibility concerns
- On-board disaster recovery

### Ready to Go and Scalable to Save You Money

Factory-tested, certified and ready to work right out of the box, Wonderware InTouch is the world's favorite HMI software and is used in over one-third of the world's industrial facilities. With Wonderware Industrial Computers, you benefit from pre-installed Wonderware software on a selection of rugged, versatile, feature-laden hardware solutions. Use powerful Wonderware software across all your plant devices for superior scalability and flexibility to help you lower your total cost of ownership.

### Break Free from Proprietary Hardware

Break free from functionally weak, proprietary and closed hardware products and experience the power and freedom of an open and fully functional PC-based or Windows Embedded Standard -based HMI. Choose Wonderware InTouch Panel PCs, pre-installed with Wonderware HMI software. Replace your old, proprietary, stand-alone hardware terminals with powerful, networked, Windows Embedded-based InTouch applications that fully integrate across your supervisory control and plant intelligence applications.

### Ordering Made Simple – Just One Number to Call for Support!

The Wonderware name is synonymous with quality, reliability, support and services. You can trust that Wonderware Industrial Computer solutions will work hard for you for many years to come. Schneider Electric offers local Wonderware support on a global scale from more than 200 locations around the globe and with 24/7/365 technical support. Both hardware and software are supported by our award-winning Wonderware technical support organization.

## Series D InTouch Panel PC Features (continued)

### Modular Design Enables Lower Lead Time

A fully-modular construction makes modifying and servicing our new family of InTouch Panel PCs a real breeze. They come as one complete and integrated hardware and software solution and feature Wonderware InTouch, the industry standard in SCADA, networking and ERP. This enables you to service and upgrade them easier, reduce inventory, and decrease lead time.

### Standard and Premium Series – Simplifies Integration of Disparate Systems

Wonderware combines a fully functioning computer with award-winning Wonderware HMI software. We give users the freedom to easily and economically replace proprietary panels that offer few features and functions with powerful and rugged touch panel computers and Wonderware InTouch software. Wonderware InTouch Panel PCs empower industrial personnel to significantly reduce the problems associated with integrating disparate machine-control and supervisory systems. This is because both systems can now run the same InTouch HMI software. Eliminate the need for training on different types of HMI software and lower software administration and management costs by replacing existing equipment with Wonderware InTouch Panel PCs.

### Field Replaceable Modules for Easy Maintenance and Lower Service Costs

Downtime, whether scheduled or unscheduled, can be costly to an operation's productivity and efficiency. Returning an automation system back into service quickly is important to maintaining KPIs and production quotas.

InTouch Panel PCs Series D HMI systems are easily replaced by customers in the field, enabling high productivity with the least amount of downtime and disruption. And, just as important, is the reduction of spare parts inventory in the supply chain - which equates to less capital invested, easier maintenance and higher availability and uptime.

Reduce costs by expanding the use of Wonderware HMI software throughout your organization. Engineers and operators already familiar with the InTouch HMI can leverage that experience, engineering investment, and training across the entire range of Wonderware InTouch Panel PCs. First-time users will love the power and ease of use of Wonderware software that comes pre-installed! Wonderware Industrial Computers offer increased efficiency and cost savings in:

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

Retain and fully utilize your engineering investment while gaining standardization throughout your organization. Wonderware Industrial Computers can provide seamless access to all your existing Wonderware software applications without engineering modifications. In addition, Wonderware Industrial Computers can expand your InTouch applications to areas never before imagined. Enable your IT department to reduce the time they spend on software administration and management by using Wonderware software as a standard across all of your HMI systems.

### Wonderware Installation Wizard

Enables users to select their version of InTouch upon first bootup. It will then automatically install the software without any additional user interaction.



**“Wonderware software enabled Yamatake to increase sales by 50% over the last four years.”**

*—Hironobu Hirakawa,  
Development Manager, Yamatake*



**“We have to make the right decisions every day because it has a huge impact on our bottom line. Wonderware helps make those decisions.”**

*—Scott Jamison, VP Engineering, Pepsi Bottling Ventures*

# Series D InTouch Panel PC Specifications

InTouch Panel PC		
	Standard	Premium
<b>Software Configuration</b>		
OS	Windows Embedded Standard 7 32-bit	Windows Embedded Standard 7 64-bit
Bundled Software	InTouch Runtime	
<b>System Hardware</b>		
Processor	Intel® Atom™ E3845 1.91 GHz	Intel® Core™ i7-4650U 3.30 GHz
Memory	4 GB DDR3	8 GB DDR3
Expandable	Y - up to 8GB	Y - up to 16GB
Graphics Processor	Intel HD graphics; DirectX 11.1, OpenCL /GL, 4K videos Quick Sync encoder	
<b>Drives</b>		
Mass Storage	180 GB SATA SSD	
Drive Mounting	Tool-less Single cage	Tool-less Dual cage
SD Expansion	N	N
Disaster-Recovery	Dedicated Media	
<b>Interface Ports</b>		
Ethernet	2 x 10/100/1000 Mbps (isolated)	
USB	4 x USB 2.0	4 x USB 3.0
Serial	1 x RS-232/422/485 (isolated)	1 x RS-232/422/485, 1 x RS-232 (isolated)
External Video	1 x HDMI, 1 x VGA	
Audio	Line-in, Line-out	
<b>General Features</b>		
Modular Components	Y	Y
Fanless	Y	Y
Expansion Slots	N	Y - 1 x half-sized PCIe
Rated Input Voltage	12-24 VDC (100-240 VAC external adapter included) (Isolated)	
<b>Environmental</b>		
Protection Class	Front: IP66/NEMA 4/4X; Rear: IP20 / Fanless	
Operating Temperature	0°C to 50°C (32°F to 122°F)	
Operating Humidity	5 to 95% non-condensing	
Storage Temperature	-25°C to +60°C (-13°F to 140°F)	
Shock	DIN EN 60068-2-27 / Operating: 15G, 11 ms duration	
Vibration	DIN EN 60068-2-64 / Operating: 10-500 Hz: 1G / 3 axis	
MTBF	LED-backlight up to 100,000 hours in Eco mode	
<b>Certifications</b>		
<b>Safety Standards</b>		
Europe	CE, based on 2006/95/EC	
U.S.A. / Canada	UL/cUL/CB 61010, UL/cUL/CB 62368	
<b>EMC Standards</b>		
Europe	EN 61000-6-4, EN 61000-6-3, CISPR22, RoHS	
U.S.A. / Canada	FCC47 CFR PART 15; Class B level; IECS-003 Class B	

## Series D InTouch Panel PC Specifications, etc.

### Premium

Size	Display Material	Touch Type	Aspect Ratio	Resolution	Brightness (nits/500 cd/m <sup>2</sup> )	Cutout Dimensions (W x H)	Overall Dimensions (W x H x D)	Weight (kg / lb)
15"	Stainless Steel	Resistive (Single)	4:3	1024 x 768	500	387 x 291 mm	397 x 311.5 x 94.6 mm	9.3 / 20.6
15.6"	Stainless Steel	Capacitive (Multi)	16:9	1366 x 768	400	412.4 x 261.7 mm	446 x 276.5 x 94.6 mm	9.7 / 21.4
17"	Stainless Steel	Resistive (Single)	4:3	1280 x 1024	350	408 x 313 mm	418 x 353.7 x 94.6 mm	10.3 / 22.7
18.5"	Stainless Steel	Capacitive (Multi)	16:9	1366 x 768	250	479.3 x 300.3 mm	495 x 316 x 94.6 mm	10.9 / 24.1
19"	Stainless Steel	Resistive (Single)	4:3	1280 x 1024	350	420 x 358 mm	451.5 x 377.7 x 94.6 mm	11.2 / 24.7
21.5"	Stainless Steel	Capacitive (Multi)	16:9	1920 x 1080	250	534 x 331 mm	552.6 x 343.8 x 94.6 mm	12.2 / 26.8
24"	Aluminum	Resistive (Single)	16:9	1920 x 1080	250	534 x 331 mm	589.6 x 354.6 mm	13.1 / 28.8

### Standard

Size	Display Material	Touch Type	Aspect Ratio	Resolution	Brightness (nits/500 cd/m <sup>2</sup> )	Cutout Dimensions (W x H)	Overall Dimensions (W x H x D)	Weight (kg / lb)
12"	Stainless Steel	Resistive (Single)	4:3	1024 x 768	500	297 x 236 mm	313.5 x 246 x 79.6 mm	7.8 / 17.1
15"	Stainless Steel	Resistive (Single)	4:3	1024 x 768	400	387 x 291 mm	397 x 311.5 x 79.6 mm	8.9 / 19.6
15.6"	Stainless Steel	Capacitive (Multi)	16:9	1366 x 768	400	412.4 x 261.7 mm	446 x 276.5 x 79.6 mm	9.3 / 20.4
17"	Stainless Steel	Resistive (Single)	4:3	1280 x 1024	350	408 x 313 mm	418 x 353.7 x 79.6 mm	9.8 / 21.7
18.5"	Stainless Steel	Capacitive (Multi)	16:9	1366 x 768	250	479.3 x 300.3 mm	495 x 316 x 79.6 mm	10.5 / 23.1
19"	Stainless Steel	Resistive (Single)	4:3	1280 x 1024	350	420 x 358 mm	451.5 x 377.7 x 79.6 mm	10.8 x 23.7
21.5"	Stainless Steel	Capacitive (Multi)	16:9	1920 x 1080	250	534 x 331 mm	552.6 x 343.8 x 79.6 mm	11.7 / 25.8
24"	Aluminum	Resistive (Single)	16:9	1920 x 1080	250	589.6 x 354.6 mm	601.6 x 366.6 x 79.6 mm	12.6 / 27.8

### Further Information

For more information on how Wonderware software can help you, visit our site: [wonderware.com/wic](http://wonderware.com/wic).

You can also visit our blogs at:

- [blog.wonderware.com](http://blog.wonderware.com)
- [wonderware.com/wwtimes](http://wonderware.com/wwtimes) (weekly HMI/SCADA related news aggregator)

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.

**Industry Solution Partners** – We 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 to our customers.

### Schneider Electric Software

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