INDUSTRIAL COMPUTERS INTOUCH PANEL PC

Standard/Premium Series D

First Class Hardware Joins First Class Software

- 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

Product at a glance

- 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
- One source of support – Single Solution

InTouch Panel PC Benefits

InTouch Panel PCs are the perfect complement to hardware/software standardization and reduction in total cost of ownership efforts. They are ruggedized for harsh environments, include a solid-state drive, and come pre-installed with the operating system, drivers and software powered by Wonderware for fast, easy, hassle-free testing, implementation, and maintenance.

Forward-designed modular construction provides interchangeability of parts for faster training, smoother maintenance, and lower inventory costs. This enables standardization on one common and powerful visualization interface for machine level applications and supervisory Human Machine Interface (HMI). Standardization helps leverage engineering investments, shorten development cycles, bring more value to users, and lower overall costs.

Break Free from Proprietary Hardware

Factory-tested, certified and ready to work right out of the box, the InTouch Panel PCs 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.

Premium

Standard

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 prepayment 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 and upgrade 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.

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 ivestment 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 as a standard across all of your HMI systems.

Standard Specifications

	InTouch Panel PC:	
	Standard	Premium
Software Configuration		
OS	Windows 7 Ultimate 64-bit, Windows 10 Pro 64-bit	
Bundled Software	InTouch Edge HMI, InTouch Runtime, InTouch for System Platform	
System Hardware		
Processor	Intel® Atom™ E3845 1.91 GHz	Intel® Core™ i7-4650U 1.70 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, and 4K videos Quick Sync encoder	
Drives		
Mass Storage	240 GB SATA SSD	
Drive Mounting	Tool-less Single cage	Tool-less Dual cage
Built-in Disaster Recovery	Y	
Interface Ports		
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	
General Features		
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)	
Environmental		
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 Storage: 10-500 Hz: 2G/3 axis	
MTBF	LED-backlight up to 100,000 hours in Eco mode	
Certifications		
Safety Standards		
Europe	CE, based on 2006/95/EC	
U.S.A/Canada	UL/cUL/CB 61010, UL/cUL/CB 62368	
EMC Standards		
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	

* 7" has 2 x USB 2.0. 10.1", 12.1" & 15" have 3 x USB 2.0 ports | ** On headless only

Physical Dimensions/Power

Premium

Size	Display Material	Touch Type	Aspect Ratio	Resolution	Brightness (nits/500 cd/m²)	Cutout Dimensions (W x H)	Overall Dimensions (W x H x D)	Weight (kg / lb)	Power (W)	Current A (@ 24VDC)
Headless	n/a	n/a	n/a	n/a	n/a	n/a	276.4 x 206.8 x 60.2 mm	3.3 /7.3	41	1.71
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	61	2.54
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	57	2.38
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	86	3.58
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	81	3.38
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	81	3.38
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	71	2.96
24"	Aluminum	Resistive (Single)	16:9	1920 x 1080	250	589.6 x 354.6 mm	601.60 x 366.60 x 94.6 mm	13.1 / 28.8	76	3.17

Standard

Size	Display Material	Touch Type	Aspect Ratio	Resolution	Brightness	Cutout Dimensions (W x H)	Overall Dimensions (W x H x D)	Weight (kg / lb)	Power (W)	Current A @ 24VDC
Headless	n/a	n/a	n/a	n/a	n/a	n/a	276.4 x 206.8 x 45.2 mm	5.3 / 12.9	35	1.46
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	45	1.88
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	55	2.29
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	57	2.38
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	80	3.33
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	81	3.38
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	75	3.13
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	65	2.71
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	70	2.92

Further Information

For more information on how Wonderware software can help you, visit our site: aveva. com/monitor-and-control/hmi-supervisory-and-control/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.

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