

Experion PPC (Panel PC)

Hardware Specifications

Experion PPC (Panel PC) is an industrial grade touch panel PC that extends the proven Experion user experience to local field operations with controllers. This robust, easy to maintain hardware is built on open industry standards and provides connectivity to various controllers in a flexible, secure and integrated environment which helps reducing the engineering and maintenance costs.

Combined with other Experion components and software, Experion PPC meets your local operation needs regardless of your industry, process or machine size and complexity. It allows you break free from proprietary embedded Panel HMIs and reduces maintenance overheads and complex data integration while improving process data flow in your plant.



Experion PPC- Proven Experion HMI at your fingertips!

PARAMETER	SPECIFICATIONS
Honeywell Model Number	MZ-PPCT01
Form Factor	18.5 inch Panel mount Panel PC
SYSTEM HARDWARE	
PROCESSOR	Intel Core i5-4300U, 1.9GHz
MEMORY	8 GB DDR3
FANLESS DESIGN	Yes
STORAGE	
ONBOARD STORAGE	256 GB, Solid State Drive (SSD)
SD EXPANSION	Yes
Display	
PANEL SIZE	18.5 inch
MAX RESOLUTION	1920x1080 (16:09)
BRIGHTNESS	300 cd/m ²
MAX COLORS	16.7 Mn
TOUCH SCREEN	Projected capacitive (PCAP) multi touch
I/O PORTS	
ETHERNET	Integrated 2x 10/100/1000 Mbps ports
USB	2x USB 3.0
SERIAL	1x RS-232, 1x RS-485/422/232
VIDEO	1x HDMI 1.4
AUDIO	1x Line out
Power	
RATED INPUT VOLTAGE	24VDC, +/- 20%
POWER CONSUMPTION	28W Typical, 60W Max

PARAMETER	SPECIFICATIONS
Physical	
DIMENSION	488 x 309 x 56.7 mm, 19.21" x 12.17" x 2.23" [W x H x D]
WEIGHT	7Kg (15.44lbs)
ENVIRONMENTAL	
INGRESS PROTECTION	Front panel: IP66
OPERATING TEMPERATURE	0° to 55° C (32° to 131° F)
OPERATING HUMIDITY	10%-95% @40°C, non-condensing
STORAGE TEMPERATURE	-20° to 60° C (-4° to 140° F)
OPERATING VIBRATION	Random Vibration 0.0002 G ² /Hz, 1.0 Grms, Test Frequency: 5-500Hz
MTBF	LED backlight life 50,000 hrs
CERTIFICATION	
EUROPE	CE (LVD), CE (EMC), RoHS
USA / CANADA	UL, cULus, FCC Class A level
OTHERS	BSMI, KC, RCM, CCC
SOFTWARE CONFIGURATION	
OS	Windows 10 Enterprise 2016 LTSB (Pre-installed)
SOFTWARE OPTIONS	Separately ordered based on following operation modes - Experion Panel Station OR - Experion Panel Server with Station (Base 550 points, up to 16K points), Regular and Runtime options



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INSTRUMENTATION & FILTRATION

For More Information

Learn more about how Honeywell's Experion PPC can improve your operations, visit honeywellprocess.com > [Experion Panel PC](#) or contact your Honeywell Account Manager, Distributor or System Integrator

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TN-17-01-ENG
May 2017

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