# 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

*Experion PPC– Proven Experion HMI at your fingertips!*

| PARAMETER | SPECIFICATIONS |
|---|---|
| **Honeywell Model Number** | **MZ-PPCT01** |
| **Form Factor** | 18.5-inch Panel Mount PC |
| **System Hardware** | |
| Processor | Intel Core i5-4300U, 1.9GHz |
| Memory | 8 GB DDR3 |
| Fan-less 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 | 350 cd/m$^2$ |
| Maximum 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-485422/232 |
| 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 | 0ºto 55º C (32º to 131º F) |
| Operating Humidity | 10%-95% @40ºC, non-condensing |
| Storage Temperature | -20º to 60ºC (-4º to 140º F) |
| Operating Vibration | Random Vibration 0.0002 G²/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, Class I Div 2, FCC Class A level |
| Others | BSMI, KC, RCM, CCC |
| **Software Configuration** | |
| Operating System | Windows 10 ENT 2016 LTSB (Pre-installed) |
| Experion Software Options | Separately ordered based on following operation modes<br>- Experion HS, LX/PC Panel Station **OR**<br>- Experion Panel Server with Station (Base 550 points, up to 16K SCADA points), Regular and Runtime options<br>*Supports Experion Backup & Restore (EBR) |

## 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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