

EXPERION PPC MEETS YOUR OPERATIONAL REQUIREMENTS

Intuitive Design for Maximum Performance



Honeywell

HONEYWELL PPC BRINGS EXPERION HMI OUTSIDE THE CONTROL ROOM.

Managing a mix of human-machine interfaces (HMIs) within a plant can be a challenging and costly task. This is especially relevant for multi-vendor HMI subsystems, which requires complex data connectivity, higher training and maintenance overheads.

Honeywell's industrial-grade Experion® PPC (Panel PC) addresses this complexity, offering a variety of integration, connectivity and processing options for demanding automation and control applications. The solution incorporates robust, easy to maintain hardware based on open standards, as well as Honeywell's proven Experion interface. With Experion PPC, plant personnel can connect to a wide range of controllers flexibly and securely.

INTUITIVE ALL-IN-ONE DESIGN COMBINED WITH FLEXIBILITY

Simple and easy to use, Experion PPC features quick startup, flexible operation modes that support different architectures, and uniform data exchange with controllers. The result? More efficient operations, better change management capabilities and reduced data integration costs.

EXPERION PANEL PC MEETS ALL OPERATIONAL NEEDS

Ideal for field operations at machine and/or process levels, Experion PPC offers comprehensive data integration capabilities and a consistent operator experience across the plant. Combined with other Experion components and software, Experion PPC meets operational needs regardless of industry, process or machine size and complexity.



SEAMLESS INTEGRATION WITH CONTROL EDGE PLC

Experion PPC takes controller integration to the next level with the new ControlEdge PLC. The PLC configuration tool can be launched directly from the Experion PPC's engineering environment, with variables automatically configured in the Experion database. This reduces the PLC-SCADA integration time by up to 95%, as compared with conventional methods.

SOLUTION HIGHLIGHTS

- Robust design for maximum performance and reliability
- Widescreen 1080p display
- Open Windows platform for improved interoperability and lifecycle benefits
- Integrated DCS and SCADA panel HMI for plant-wide use
- Flexible operation modes: standalone, remote Experion Station, Thin Client

FLEXIBLE OPERATING MODES DRIVE EFFICIENCY

The solution uses the Windows 10 operating system and supports standalone Experion HS Server, Experion remote Station and Thin Client providing remote connectivity. Flexible operation modes help meet different architecture needs; accelerate startup and commissioning times; and reduce integration costs.

BUILT-IN SECURITY AND COMPLIANCE FEATURES

Experion PPC features built-in, configurable security access for users such as operators and supervisors. It also incorporates electronic signature and audit trail capabilities for secure electronic recordkeeping – supporting regulated industries such as pharmaceuticals and specialty chemicals.



FEATURES

- Robust, industrial-grade design
- True widescreen display
- Maintenance-free hardware
- Minimal power consumption
- Open standards
- Proven Experion HMI
- Universal, secure connectivity
- Flexible operation modes
- Integrated environment

BENEFITS

- Maximum performance
- Higher reliability
- Improved interoperability
- Investment protection with utility savings
- Best-in-class touch user interface
- One-stop solution for field-level DCS and SCADA operations
- Safer operations
- Improved lifecycle experience
- Reduced PLC-SCADA integration time by up to 95%

EXPERION PPC

SPECIFICATIONS

Honeywell model number	MZ-PPCT01	
Form factor	18.5-inch panel mount PC	
System hardware	Intel processor; fan-less CPU design	
Storage	Solid-state drive (SSD)	
Display	1920x1080 (16:09)	
Touch screen	Projected capacitive (PCAP) multi touch	
Ethernet	Integrated dual ports up to 1000 Mbps	
Power consumption	28W typical, 60W max	
Ingress protection	Front panel: IP66	
Operating temperature	0° to 55° C (32° to 131° F)	
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 Enterprise
	Operating modes	- Experion Panel Station OR - Experion Panel HS SCADA Server with Station, regular and runtime options - Thin Client
		*Supports Experion Backup & Restore (EBR)

HONEYWELL

A PARTNER YOU CAN TRUST.

Around the world, Honeywell is recognized as a quality brand with a long history of working with the process industries. We help industrial customers improve their business performance by providing world-class automation technology and services.

Honeywell's control systems are employed in the most demanding industrial applications to improve process safety, reliability and efficiency. Our global expertise ensures you have advanced technology best suited to meet your specific objectives. And, our local, authorized channel partners give you access to experts close by who know your operation and can work with you as your needs grow and change.

For More Information

To learn more about Honeywell's Experion PPC, visit hwl.co/ExperionPPC or contact your Honeywell account manager.

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