Your Trusted Partner in Automation

Moxa is a leading provider of edge connectivity, industrial computing, and network infrastructure solutions for enabling connectivity for the Industrial Internet of Things (IIoT). With 35 years of industry experience, Moxa has connected more than 102 million devices worldwide and has a distribution and service network that reaches customers in more than 85 countries. Moxa delivers lasting business value by empowering industries with reliable networks and sincere service. Information about Moxa's solutions is available at www.moxa.com.

Built Tough, Built Robust
Rugged industrial panel PCs for your HMI applications

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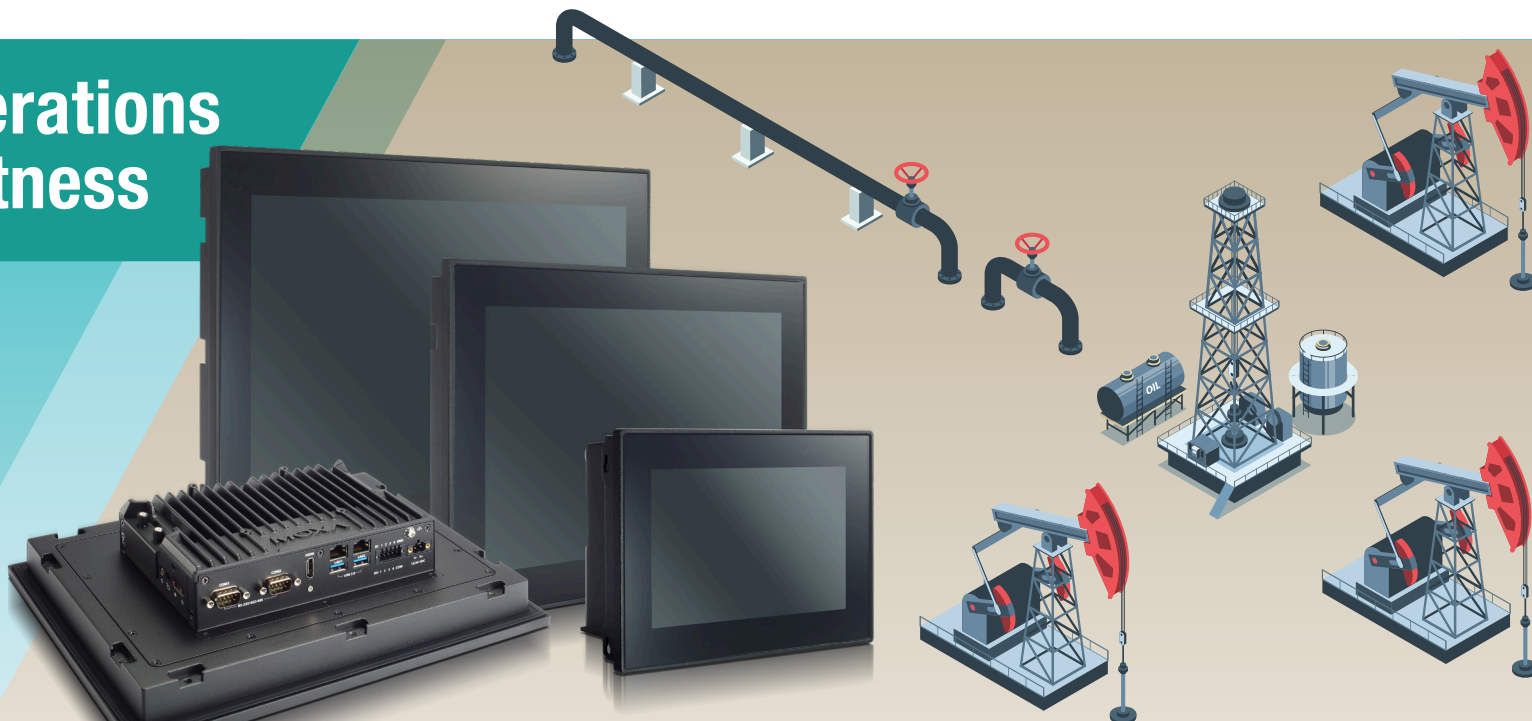Fax: +86-755-8368-4148
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Safeguarding Hazardous Operations With Industrial-grade Robustness

Our new generation of panel computers, the MPC-3000, come with an Intel Atom® x6000E processor and offer a robust and adaptable solution tailored for demanding industrial environments. The lineup comprises of six unique series, with display sizes from 7 inch to 15.6 inch, engineered to excel in harsh industrial conditions. In addition, the MPC-3000 panel computers come with features crafted to enhance productivity and reliability.

Featuring a fanless design with a heat sink for efficient heat dissipation, the MPC-3000 panel computers guarantee optimal performance in the -30 to 60°C temperature range. Additionally, compliance with various industrial certification standards and requirements for operations in explosion-prone hazardous locations, make them suitable for operations in scorching outdoor settings. The MPC-3000 panel computers are well-suited for deployment in challenging conditions like onshore and offshore drilling, rig monitoring, and control applications.
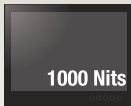
1 Panel sizes ranging from 7 to 15.6 inches that cater to various industrial needs.
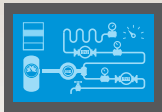
2 Industrial-grade rugged fanless design for operations in -30 to 60°C temperature range.

3 Modular design that minimizes cables for easy maintenance.
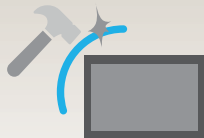
Features

1000 Nits

1000-nit brightness for sunlight-readable screen

Supports HMI software for multiple PLCs and SCADA systems

Modular design for simplified maintenance

Metal housing for robustness and longevity

Glove-friendly multi-touch screen for enhanced usability

Industrial Panel Computers

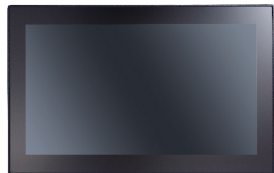| MPC-3000 Series [1]	MPC-3070W	MPC-3100	MPC-3120	MPC-3120W	MPC-3150	MPC-3150W
CPU	E2 models: Intel Atom® x6211E Elkhart Lake (dual-core, 1.30 GHz) E4 models: Intel Atom® x6425E Elkhart Lake (quad-core, 2.0 GHz)					
Ethernet Ports	2 x Auto-sensing 10/100/1000 Mbps ports (RJ45 connector)					
Serial Ports	2 x RS-232/422/485 ports (software-selectable, DB9 male connector)					
USB 3.0	2 x USB 3.0 hosts (type-A connector)					
Light Intensity (Brightness)	400 / 1000 nits					
Panel Size	7 in (5:3)	10.4 in (4:3)	12.1 in (4:3)	12.1 in (16:10)	15 in (4:3)	15.6 in (16:9)
Pixels	800 x 480	1024 x 768	1024 x 768	1280 x 800	1024 x 768	1920 x 1080
Touch Type	Projective capacitive (PCAP) touchscreen					
Input Voltage	12/24 VDC					
IP Rating	IP66 (front), IP20 (rear)					
Operating Temperature	-30 to 60°C (-22 to 140°F)					
Standards and Certifications	CID2, ATEX Zone 2, IECEx Zone 2, DNV-CG-0339, IEC 60945, IACS E10, IEC 62368-1, UL 62368-1, IEC 60068-2-27, IEC 60068-2-64, IEC 60068-2-6 [2]					

[1] The MPC-3000 Series will be available in Q4, 2024.
[2] Certification processes underway.