MOXA®

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.

Moxa Americas
USA
Toll Free: 1-888-MOXA-USA
Tel: +1-714-528-6777
Fax: +1-714-528-6778
usa@moxa.com

Brazil
Tel: +55-11-95261-6545
brazil@moxa.com

Moxa Europe
Tel: +49-89-413-25-73-0
europe@moxa.com

Moxa Asia-Pacific and Taiwan
Asia/Taiwan
Tel: +886-2-8919-1230
Fax: +886-2-8522-8623
asia@moxa.com
taiwan@moxa.com

India
Tel: +91-80-4172-9088
Fax: +91-80-4132-1045
india@moxa.com

Korea
Tel: +82-2-6268-4048
Fax: +82-2-6268-4044
korea@moxa.com

Japan
Tel: +81-3-6721-5670
Fax: +81-3-6721-5671
japan@moxa.com

Moxa China
Shanghai
Tel: +86-21-5258-9955
Fax: +86-21-5258-5505
china@moxa.com

Beijing
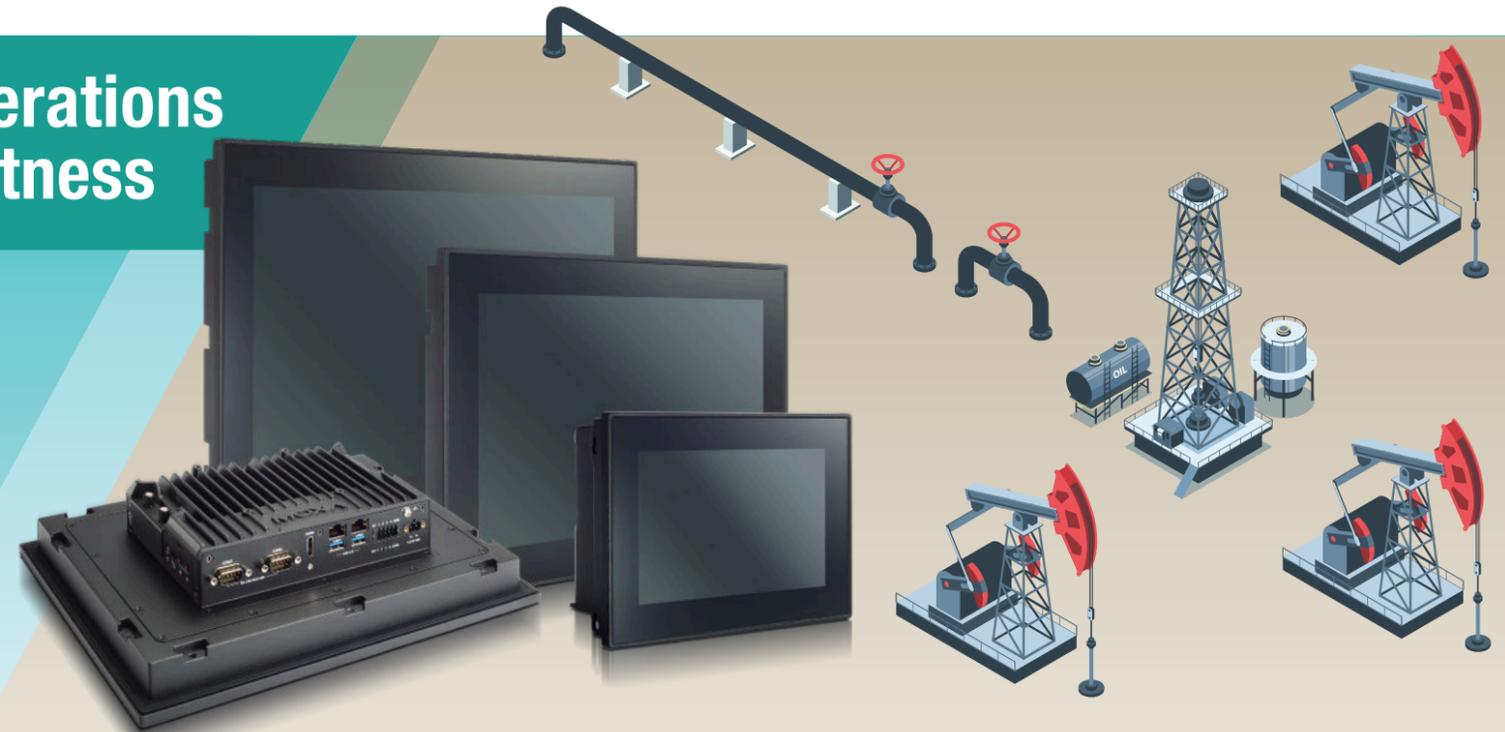Tel: +86-10-5976-6123/24/25/26
Fax: +86-10-5976-6122
china@moxa.com

Shenzhen
Tel: +86-755-8368-4084/94
Fax: +86-755-8368-4148
china@moxa.com

MOXA®

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

www.moxa.com

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-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.