

**Industrial
Equipment
Manufacturing**

**Edge
Solution Ready
Package**

Predictive Edge Analyzer

Diagnosis and Preventive Maintenance Platform

ESRP-MPM-UN03283



- Provides real-time diagnosis and detection of abnormal signals
- Enables analytics customization with an instinctive user interface
- Prevents data losses with a data logger system



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Edge Solution-Ready Package

ESRP-MPM-UNO3283



Provides real-time diagnosis and detection of abnormal signals

Create and modify analytical models using the graphics interface in order to simplify data analysis and achieve predictive maintenance.



Enables analytics customization with an instinctive user interface

Early diagnosis of machine faults minimizes system downtime, ensures quality control, and boosts the overall yield rate.



Prevents data losses with a data logger system

Diverse databases are supported without programming and can be easily integrated with existing IT systems.

Diagnosis and Preventive Maintenance Platform		
Part Number	ESRP-MPM-UNO3283	ESRP-MPM-UNO3382
Operating System	Microsoft Windows10 IoT Enterprise LTSB	Microsoft Windows10 IoT Enterprise LTSB
Software	EDGE CROSS	EDGE CROSS
Form Factor	Regular with front-facing I/O	Regular Size
CPU	Intel® Core™ i3-6102E (1.9 GHz)	Intel® Core™ i7-4650U
Memory	8 GB DDR4	8GB DDR3L
Display Type	1 x HDMI supports 1920x1080 @60 Hz, 1 x DVI-I supports 1920 x 1080 @60 Hz	1 x HDMI, supports 1920 x 1200 @ 60Hz 24bpp 1 x DP, supports 3200 x 2000 @ 60Hz 24bpp
Storage	64 GB SSD	64 GB SSD
LED Indicators	Power, LAN, COM (Tx/Rx), Battery, and HDD	LEDs for Power, Battery, COM (Tx/Rx) HDD and reserved x2
Expansion Slots	2 x Full-size mPCIe, 1 x PCIe x16, 1 x PCI	2 x Full-size mPCIe slots
Mount Options	Stand, wall, VESA (optional)	Book mounting
Network (LAN)	2 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000 BASE-T fast Ethernet	2 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000Base-T Fast Ethernet
I/O Port	2 x RS-232/422/485, DB9, 6 x USB 3.0	"1 x RS-232/422/485, DB9, auto flow control, 50~115.2kbps 2 x USB 2.0, 2 x USB 3.0"
Power Input	10 ~ 36 V _{DC}	24 V _{DC} ± 20%
Operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)	0 ~ 55 °C (32 ~ 131 °F)
Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)	-40 ~ 85 °C (-40 ~ 185 °F)
Dimensions (W x D x H)	142 x 238 x 177 mm (5.6 x 9.4 x 7 in)	65.2 x 254 x 207 mm (2.5 x 10 x 8.15 in)
Certification	CE, FCC, CCC, BSMI, UL	CE, FCC, UL, CCC, BSMI

Ordering Information

ESRP-MPM-UNO3283

Diagnosis and preventive maintenance platform, EDGE CROSS, UNO-3283G-634AE, 8 GB RAM, 64 GB SSD, Windows 10 IoT Enterprise LTSB

ESRP-MPM-UNO3382

Diagnosis and preventive maintenance platform, EDGE CROSS, UNO-3382G-474AE, 8 GB RAM, 64 GB SSD, Windows 10 IoT Enterprise LTSB

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