

Industrial
Equipment
Manufacturing

Predictive Edge Analyzer

Diagnosis and Preventive Maintenance Platform



Edge
Solution Ready
Package

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



 **EDGECROSS**
CONSORTIUM

ADVANTECH

Enabling an Intelligent Planet

POWERED BY

WISE-PaaS

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 |
| Operating System | Microsoft Windows10 IoT Enterprise LTSB |
| Software | EDGE CROSS |
| Form Factor | Regular with front-facing I/O |
| CPU | Intel® Core™ i3-6102E (1.9 GHz) |
| Memory | 8 GB DDR4 |
| Display Type | 1 x HDMI supports 1920x1080 @60 Hz, 1 x DVI-I supports 1920 x 1080 @60 Hz |
| Storage | 64 GB SSD |
| LED Indicators | Power, LAN, COM (Tx/Rx), Battery, and HDD |
| Expansion Slots | 2 x Full-size mPCIe, 1 x PCIe x16, 1 x PCI |
| Mount Options | Stand, wall, VESA (optional) |
| Network (LAN) | 2 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000 BASE-T fast Ethernet |
| I/O Port | 2 x RS-232/422/485, DB9, 6 x USB 3.0 |
| Dual DC Power Input | 10 ~ 36 V _{DC} |
| Operating Temperature | -20 ~ 60 °C (-4 ~ 140 °F) |
| Storage Temperature | -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) |
| Certification | CE, FCC, CCC, BSMI, UL |

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

ADVANTECH

Enabling an Intelligent Planet