

Industrial
Equipment
Manufacturing

Secured Edge Analyzer

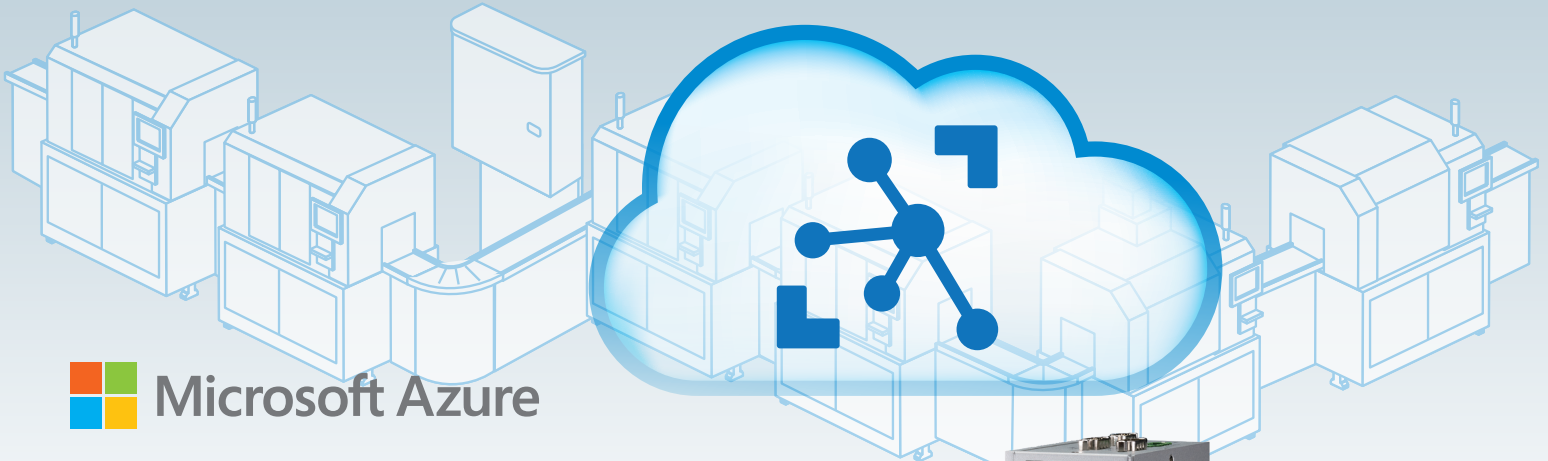
Intelligent Platform with Azure IoT Edge &
WISE-PaaS/EdgeLink

Edge
Solution Ready
Package

ESRP-CSS-UN02484



- Extends cloud intelligence and analytics to edge devices
- Boosts productivity and response times with data insights
- Offers secure cloud communication and edge intelligence
- WISE-PaaS/EdgeLink supports more than 200 PLC device



 Microsoft Azure

WISE-PaaS/EdgeLink



Supports Numerous IoT Modules

Data Filter

Stream Analysis

Database Localization

Machine Learning

ADVANTECH

Enabling an Intelligent Planet

POWERED BY
ADVANTECH
WISE-PaaS

Edge Solution-Ready Package

ESRP-CSS-UNO2484



Extends cloud intelligence and analytics to edge devices

IoT solutions, such as stream analytics, machine learning, image recognition, and other high-value AI modules, deployed from the cloud to the edge to support diverse applications.



Boosts productivity and response times with data insights

Local data processing enables immediate decision-making and reduces bandwidth costs by minimizing the data transmitted from local devices to the cloud.



Offers secure cloud communication and edge intelligence

The inclusion of Azure IoT Edge Security Daemon and onboard TPM 2.0 increases device security while a SSL ensures connectivity between the cloud and intelligent edge.



WISE-PaaS/EdgeLink supports more than 200 PLC device

Edgelink supports more than 200 PLC device for collecting data from devices, and features plug-and-play functionality which reduce software development time. Eliminate the gap between OT and IT.

Intelligent Platform with Azure IoT Edge & WISE-PaaS/EdgeLink			
Part Number	ESRP-CSS-UNO2484	ESRP-CSS-UNO1372	ESRP-CSS-UNO2271
Operating System	AdvLinuxTU	AdvLinuxTU	AdvLinuxTU
Software	Microsoft Azure IoT Edge Engine, Advantech WISE-PaaS/EdgeLink Linux 8000 tags	Microsoft Azure IoT Edge Engine, Advantech WISE-PaaS/EdgeLink Linux 5000 tags	Microsoft Azure IoT Edge Engine, Advantech WISE-PaaS/EdgeLink Linux 3000 tags
Form Factor	Regular with stackable design and front-facing I/O	Din-rail	Pocket Size
CPU	Intel® Core™ i5-7300U	Intel® Celeron® J1900	Intel® Atom® E3825
Memory	8 GB DDR4	4GB DDR3L	4GB DDR3L
Display Type	1 x HDMI supports 1920 x 1080 @ 60 Hz, 1 x DP supports 3840 x 2160 @ 30 Hz	1 x DP, supports 2560 x 1440 @ 60Hz 1 x HDMI, supports 1920 x 1080 @ 60Hz	1 x HDMI, supports 1920 x 1080 @ 60Hz
Storage	32 GB SSD	32 GB SSD	32 GB eMMC
LED Indicators	Power, HDD, LAN (Active, Status), RTC Battery	Power, RTC battery, LAN (Active, Status), COM (Tx/Rx), HDD, Programmable LED	Power, HDD, LAN (Active, Status)
Expansion Slots	1 x Full-size mPCIe	2 x Full size mPCIe slots	1 x Full-size mPCIe slot
Mount Options	Stand, wall with optional VESA and DIN rail	DIN-rail	Stand, Wall, VESA (Optional), DIN-rail (Optional), Pole (Optional)
Network (LAN)	4 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	2 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000Base-T Fast Ethernet
I/O	4 x RS-232/422/485, DB9, 4 x USB 3.0	Isolated 4 x RS232/422/485, DB9, 50 ~ 115.2kbps (Isolation Protection 1500 V _{DC}) Isolated 4-ch digital input (Default contact), 4-ch digital output (2500 V _{DC}) 3 x USB 2.0, 1 x USB 3.0	2 x RS 232/422/485 1 x USB 3.0
Power Input	10 ~ 36 V _{DC}	10 ~ 36 V _{DC}	10 ~ 30 V _{DC}
Operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)	-20 ~ 60 °C (-4 ~ 140 °F)	0 ~ 50 °C (32 ~ 122 °F)
Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)	-40 ~ 85 °C (-40 ~ 185 °F)	-20 ~ 70 °C (-4 ~ 158 °F)
Dimensions (W x D x H)	200 x 140 x 40 mm (7.8 x 5.6 x 1.6 in)	65 x 105 x 150mm (2.6" x 4.1" x 5.9" in)	100 x 70 x 60 mm (3.9" x 2.8" x 2.4" in)
Certification	CE, FCC, CCC, BSMI, UL	CE, FCC, UL, CCC, BSMI	CE, FCC, UL, CCC, BSMI

Ordering Information

ESRP-CSS-UNO2484	Intelligent platform with Azure IoT Edge, UNO-2484G-7531AE, 8 GB RAM, 32 GB SSD, WISE-PaaS/Edgelink Linux 8000 tags, AdvLinuxTU
ESRP-CSS-UNO1372	Intelligent platform with Azure IoT Edge, UNO-1372G-J021AE, 4 GB RAM, 32 GB SSD, WISE-PaaS/Edgelink Linux 5000 tags, AdvLinuxTU
ESRP-CSS-UNO2271	Intelligent platform with Azure IoT Edge, UNO-2271G-E023AE, 4 GB RAM, 32 GB eMMC, WISE-PaaS/Edgelink Linux 3000 tags, AdvLinuxTU