Industrial Equipment Manufacturing

Edge Solution Ready Package

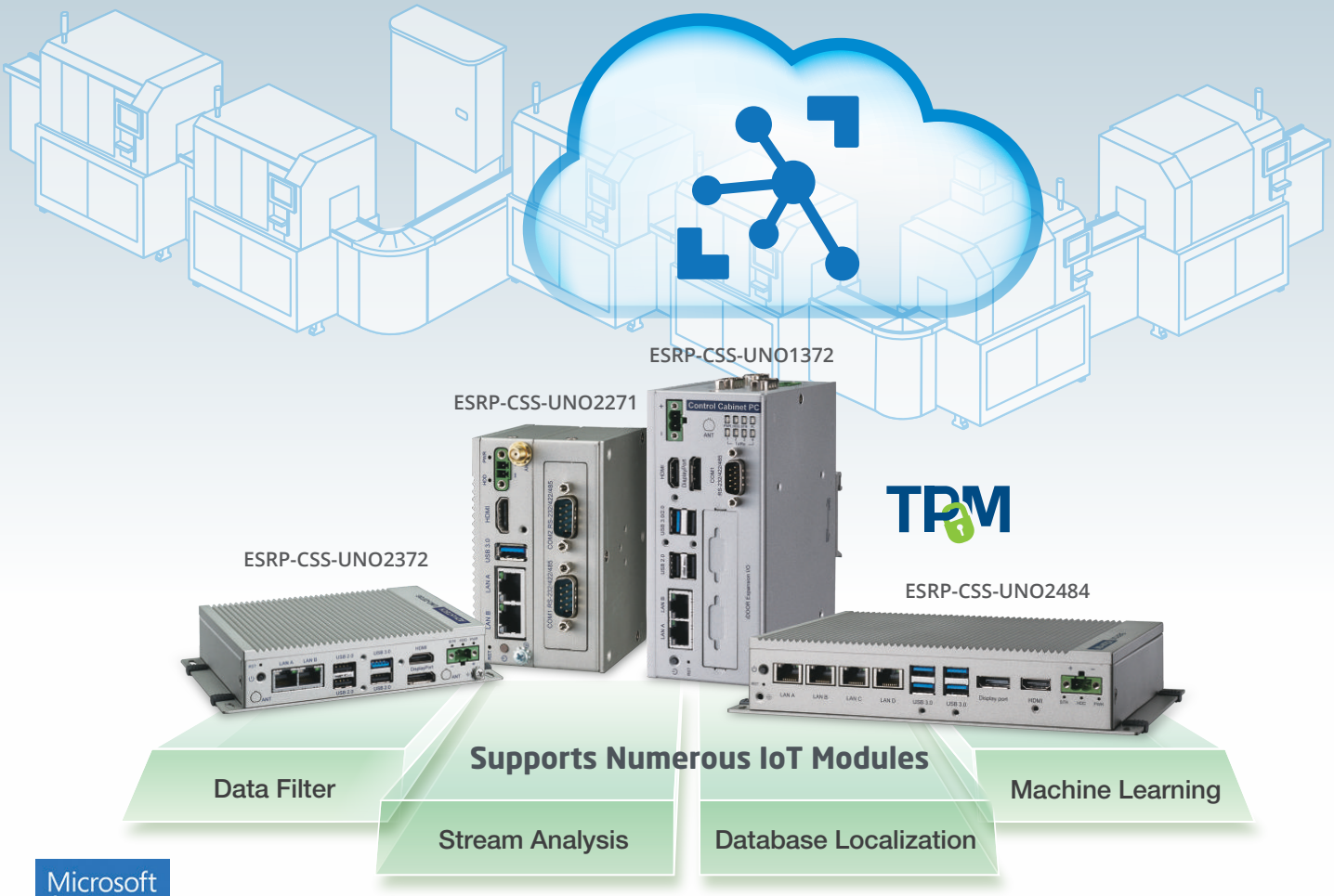
Secured Edge Analyzer

Intelligent Platform with Azure IoT Edge & WISE-EdgeLink

Edge-SRP
Edge Solution Ready Package

ESRP-CSS-UNO Series

- Extends cloud intelligence and analytics to edge devices
- Enable container-based engine solution
- Offers secure cloud communication and edge intelligence
- WISE-EdgeLink supports more than 200 PLC device



Microsoft Azure Certified

Pre-certified IoT Plug and Play

WISE-EdgeLink

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POWERED BY ADVANTECH WISE-PaaS

Edge Solution-Ready Package

ESRP-CSS-UNO2484, ESRP-CSS-UNO2372 ESRP-CSS-UNO1372, ESRP-CSS-UNO2271

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.

Enable container-based engine solution

Azure IoT Edge is a containerized solution supported Moby engine, and enterprise-ready managed service for running highly available clusters for control, and security in Azure cloud infrastructure.

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-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-EdgeLink				
Part Number	ESRP-CSS-UNO2484	ESRP-CSS-UNO2372	ESRP-CSS-UNO1372	ESRP-CSS-UNO2271
Operating System	AdvLinuxTU			
Application Software	Microsoft Azure IoT Edge Engine			
Control Software	WISE-EdgeLink 8000 tags	WISE-EdgeLink 5000 tags	WISE-EdgeLink 5000 tags	WISE-EdgeLink 3000 tags
CPU	Intel® Core™ i5-7300U (2.6 GHz)	Intel® Celeron™ J1900 (2.0 GHz)	Intel® Celeron™ J1900 (2.0 GHz)	Intel® Atom™ E3825 (1.33 GHz)
Memory	8 GB DDR4	4 GB DDR3L	4 GB DDR3L	4 GB DDR3L
Display Size/Type	1 x HDMI, supports 1920x1080 @ 60Hz			
	1 x DP, supports 3840x2160 @ 30Hz	1 x DP, supports 2560x1440 @ 60Hz		-
Storage	32 GB SSD	64 GB SSD	32 GB SSD	32 GB eMMC
Expansion Slots	1 x Full-size mPCIe slot			
Network (LAN)	4 x RJ45	2 x RJ45		
	10/100/1000 Mbps IEEE 802.3u 1000Base-T Fast Ethernet			
I/O	4 x RS-232/422/485	4 x RS232/422/485	4 x RS-232/422/485	2 x RS 232/422/485
	4 x USB 3.0	1 x USB 3.0, 3 x USB 2.0	1 x USB 3.0, 3 x USB 2.0	1 x USB 3.0
	-	-	4 x DI (Dry/Wet Contact) 4 x DO (Sink Type)	-
Power Input (Voltage)	10 ~ 36 V_{DC}			
Operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)			0 ~ 50 °C (32 ~ 122 °F)
Storage Temperature	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)	150 x 105 x 35mm (5.8" x 4.2" x 1.4")	65 x 105 x 150mm (2.6" x 4.1" x 5.9" in)	100 x 70 x 65 mm (3.9" x 2.8" x 2.6" in)
Certification	CE, FCC Class A, UL, CCC, BSMI			

Ordering Information

ESRP-CSS-UNO2484	Cloud-Ready Secured Azure IoT Edge Gateway with WISE-EdgeLink Linux 8000 tags UNO-2484G-7531AE, 8 GB RAM, 32 GB SSD, AdvLinuxTU
ESRP-CSS-UNO2372	Cloud-Ready Secured Azure IoT Edge Gateway with WISE-EdgeLink Linux 5000 tags UNO-2372G-J021AE, 4 GB RAM, 64 GB SSD, AdvLinuxTU
ESRP-CSS-UNO1372	Cloud-Ready Secured Azure IoT Edge Gateway with WISE-EdgeLink Linux 5000 tags UNO-1372G-J021AE, 4 GB RAM, 32 GB SSD, AdvLinuxTU
ESRP-CSS-UNO2271	Cloud-Ready Secured Azure IoT Edge Gateway with WISE-EdgeLink Linux 3000 tags UNO-2271G-E023AE, 4 GB RAM, 32 GB eMMC, AdvLinuxTU

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