

Industrial
Equipment
Manufacturing

Secured Edge Analyzer

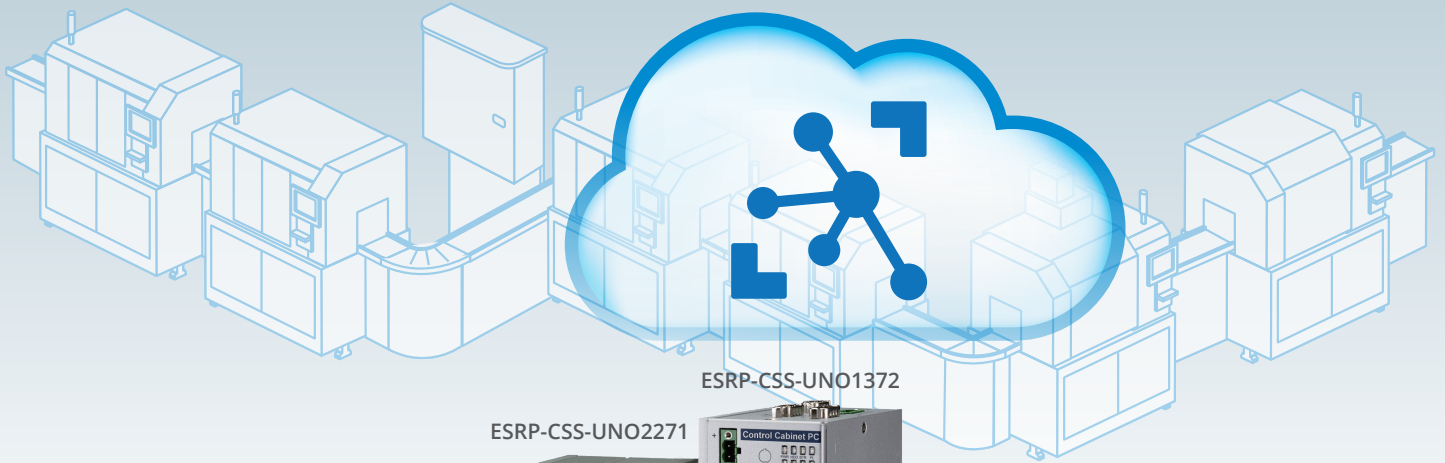
Intelligent Platform with Azure IoT Edge &
WISE-EdgeLink

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



Data Filter

Supports Numerous IoT Modules

Machine Learning

Stream Analysis

Database Localization

Microsoft
Azure

Certified

Pre-certified IoT Plug and Play

WISE-EdgeLink

ADVANTECH

Enabling an Intelligent Planet

POWERED BY


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WISE-PaaS

Edge Solution-Ready Package

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

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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.
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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.
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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.
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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

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| 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 |