iFactory

SCADA Edge Visualizer

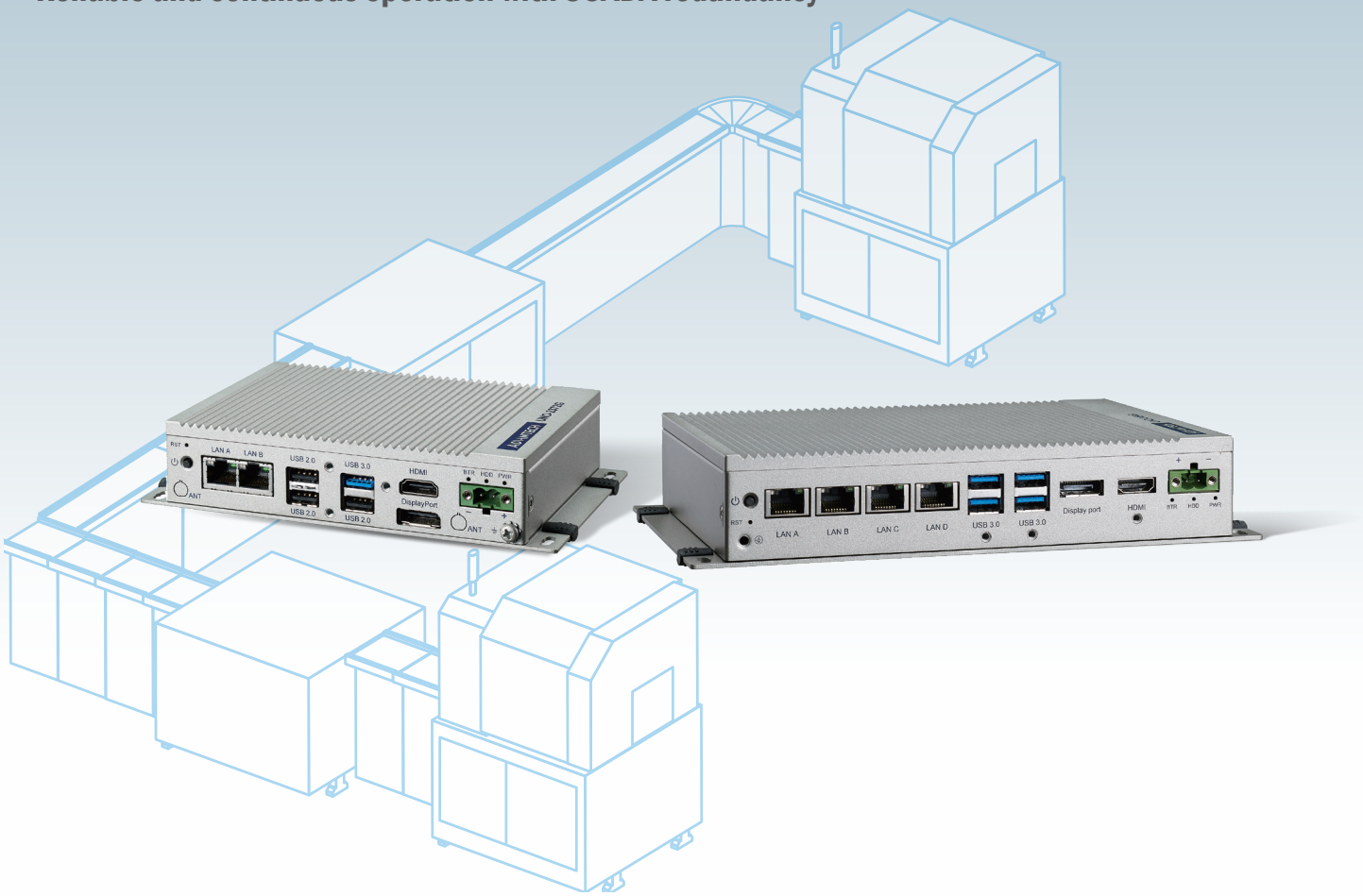
Process Visualization with Modular Box Platform

Edge Solution-Ready Package

ESRP-SCA-UNO2484
ESRP-SCA-UNO2372

Edge-SRP
Edge Solution Ready Package

- Easy operation on any browser with 100% HTML5 web-based SCADA
- Open interfaces and database connectivity ensures flexible integration
- Reliable and continuous operation with SCADA redundancy



WebAccess/SCADA

ADVANTECH
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WISE-PaaS

Edge Solution-Ready Package

ESRP-SCA-UNO2484/ UNO2372

Easy Operation on Any Browser with 100% HTML5 Web-Based SCADA

Advantech's edge process visualizer is equipped with its HTML5 web-based WebAccess/SCADA software, which allows all HMIs, dashboards, forms, maps, and facility/floor plans to be accessible from any mobile device that features JavaScript support.

Open Interfaces and Database Connectivity Ensures Flexible Integration

WebAccess/SCADA supports diverse interfaces, including RESTful, SignalR, and WebAccess APIs, to ensure easy access and application development. Advantech's real-time database was designed to meet industrial demands for high-speed, large-volume data access. Moreover, the ODBC interface can restore historical data to Microsoft SQL Server, Oracle, MySQL, and Microsoft Access for offline data sharing with MES or ERP systems.

Reliable and Continuous Operation with SCADA Redundancy

Advantech's edge process visualizer features one or more redundant SCADA server (s) to ensure system availability. This means that in the event of a primary server failure, the redundant server will assume the system functions and tasks.

SCADA	Standalone Process Visualizer	
Part Number	ESRP-SCA-UNO2484	ESRP-SCA-UNO2372
Operating System	Microsoft Windows10 IoT 2019 Enterprise LTSC (64 bit)	Microsoft Windows10 IoT 2019 Enterprise LTSC (64 bit)
Control Software	WebAccess 8.4.4 Pro, 1500 tags	WebAccess 8.4.4 Pro, 1500 tags
CPU	Intel® Core i5-7300U, 2.60 GHz	Intel® Celeron® Quad Core J1900, 2.00 GHz
Memory	8GB DDR4 2133 MHz	4GB DDR3L SDRAM
Displays	1 x HDMI supports 1920 x 1080p @60Hz 1 x DiplayPort supports 3840 x 2160p @30Hz	1 x HDMI supports 1920x1080p @60Hz 1 x DisplayPort supports 2560x1440p @60Hz
Storage	TR 128GB 2.5" SSD supporting -10~80°C wide temperature	TR 128G mSATA SSD supporting -40~90°C wide temperature
Expansion Slots	1 x full-size mPCIe slot for single stack version 4 x full-size mPCIe slots for double stack version (Optional)	2 x full-size mPCIe slots
LAN Ports	4 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 4 x USB 3.0 1 x Audio Line-out	4 x RS232/422/485 1 x USB 3.0, 3 x USB 2.0 Compliant
Mount Options	Stand, Wall, VESA (Optional), DIN-rail (Optional)	Stand, Wall, VESA (Optional), DIN-rail (Optional)
Dual DC Power Input (Voltage)	10 - 36 VDC	10 - 36 VDC
Operating Temperature	-20 ~ 60 °C (-14 ~ 140 °F)	-20 ~ 60°C (-14 ~ 140°F)
Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)	-40 ~ 85°C (-40 ~ 185°F)
Dimensions (W x D x H)	200 x 140 x 40 (7.8" x 5.6" x 1.6")	150 x 105 x 35mm (5.8" x 4.2" x 1.4")
Certification	CE, FCC Class A, CB, UL, CCC, BSMI	CE, FCC Class A, CB, UL, CCC, BSMI

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Ordering Information

ESRP-SCA-UNO2484	Process visualization solution with WebAccess/SCADA 8.4.4 Professional, 1500 tags, UNO-2484-7531AE, 8GB RAM, 128GB SSD, and Windows 10
ESRP-SCA-UNO2372	Process visualization solution with WebAccess/SCADA 8.4.4 Professional, 1500 tags, UNO-2372G-E021AE, 4GB RAM, 128GB SSD, and Windows 10

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