CODESYS Edge Controller
Real-Time SoftPLC and SoftMotion Controller

Edge Solution Ready Package

ESRP-SCS-UN01372

Edge-SRP
Edge Solution Ready Package

- Open controller with real-time fieldbus control
- Reduces downtime with powerful visualization management
- Flexible integration with diverse database connectivity options

CODESYS
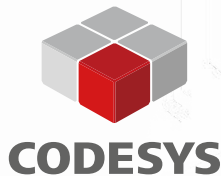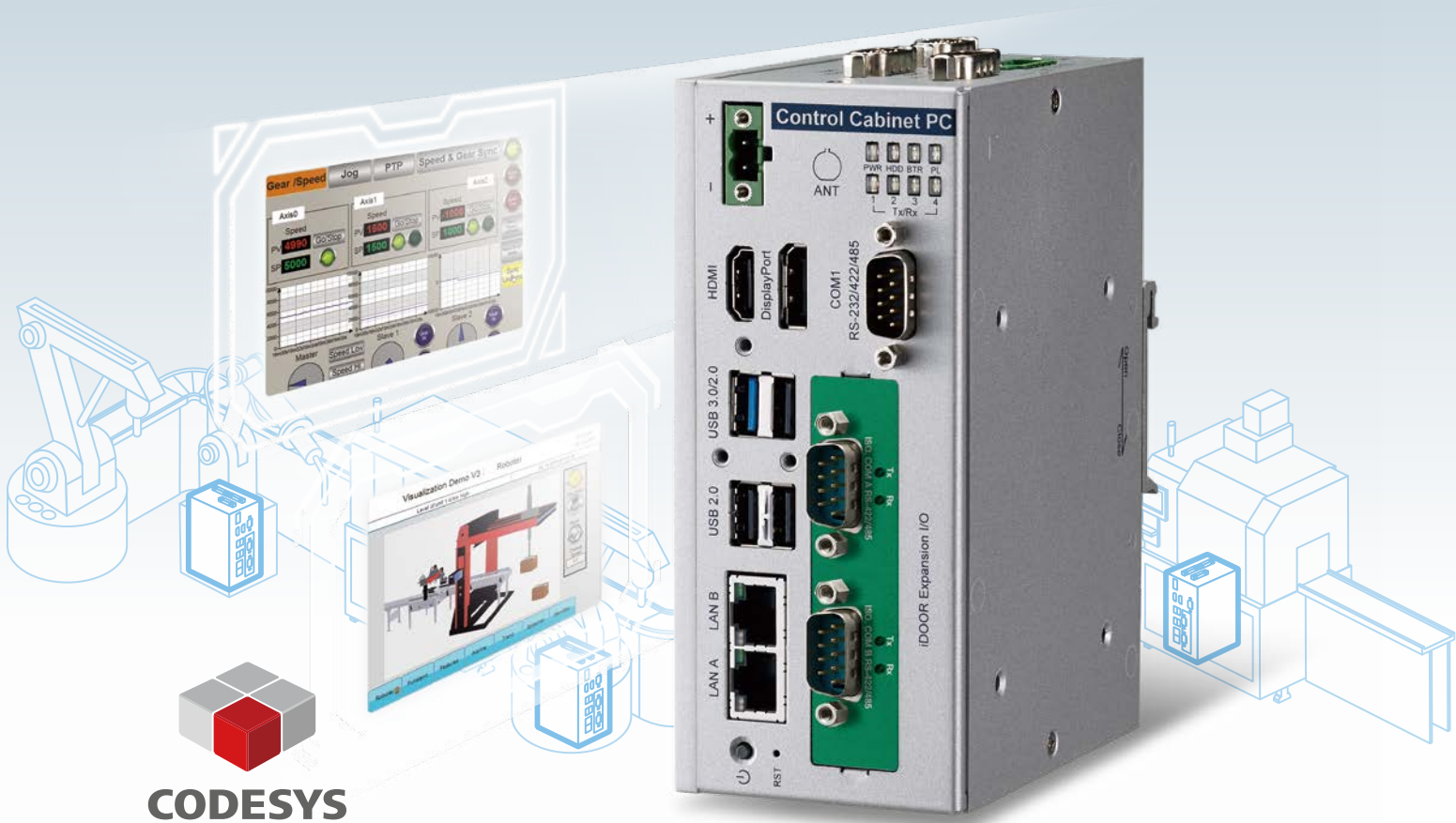
MQTT OPC UA
EtherCAT CANopen PROFINET EtherNet/IP

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WISE-PaaS

✓ ## Single open controller with real-time fieldbus control

The provision of IEC-61131-3 languages for cross-platform PLC programming minimizes development time and costs and enables motion control with dual fieldbus EtherCAT and CANOpen for servo drives, servo motors, inverters, and induction motors in various applications.

✓ ## Reduced downtime with powerful visualization management

On-site machine operation and systems monitoring with flexible target visualization boosts productivity and overall efficiency, while web-based visualization enables remote operation and diagnostics.

✓ ## Diverse database connectivity options for flexible integration

Supporting ODBC functionality, the Edge SRP could simplify database connection. Plus, Machines can be directly connected to the WISE-PaaS cloud, utilizing dashboard function that provides efficiency equipment management, increasing productivity.

SoftControl Solutions	Cabinet Controller	Panel Controller
Part Number	ESRP-SCS-UNO1372	ESRP-SCS-TPC5152
Operating System	Microsoft Windows Embeddd 7 Pro (32 bit)	
Control Software	CODESYS V3.5 SP10 Control RTE with Softmotion + Visualization (Target and Web)	
CPU	Intel® Celeron® J1900 (2 GHz)	6th Gen Intel® Core™ i3-6100U (2.30 GHz)
Memory	4 GB DDR3L	8 GB DDR4
Backup Memory	2 MB MRAM	
Display Size/Type	1 x HDMI, supports 1920x1080 @ 60Hz 1 x DP, supports 2560x1440 @ 60Hz	15" XGA TFT LED LCD with 1024x768 resolution and projected capacitive touchscreen
Storage	128 GB SSD	
Expansion Slots	2 x Full-size mPCIe	1 x Half-size PCIe, 2 x full-size mPCIe
Network (LAN)	2 x 10/100/1000 Mbps BASE-T (LAN A/B: Intel® i210)	3 x 10/100/1000 Mbps BASE-T (2 x Intel® i210, 1 x Intel® i219)
I/O	4 x RS-232/422/485, 1 x DB9, 3 x USB 2.0, 1 x USB 3.0, 4 x DI/O	1 x RS-232, 1 x RS-232/422/485, 2 x USB 3.0, 2 x USB 2.0, 1 x audio line out, 1 x DisplayPort 1.4 out
iDoor Expansion	1 x CANopen	
Mount Options	DIN rail, wall	Panel with optional stand and VESA
Dual DC Power Input (Voltage)	10 ~ 36 V_{DC}	24 V_{DC} ± 20%
Operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)	0 ~ 55 °C (32 ~ 131 °F)
Storage Temperature	40 ~ 85 °C (-40 ~ 185 °F)	-20 ~ 60 °C (-4 ~ 140 °F)
Dimensions (W x D X H)	65 x 105 x 150 mm (2.55 x 4.13 x 5.90 in)	Panel: 383.2 x 307.3 x 85.9 mm (15.08 x 12.09 x 3.38 in) Cutout: 374.5 x 298.5 mm (14.74 x 11.75 in)
Certification	CE, FCC Class A, UL, CCC, BSMI	CE, FCC Class A, UL, CCC, BSMI, EAC, 61010

Ordering Information

ESRP-SCS-UNO1372	Cabinet controller, CODESYS RTE with SoftMotion + Visualization (Target and Web), UNO-1372G-J021AE, 4 GB RAM, CANopen, 128 GB SSD, WES7P
ESRP-SCS-TPC5152	Panel controller, CODESYS RTE with SoftMotion + Visualization (Target and Web), TPC-5152T-633AE, 8 GB RAM, CANopen, 128 GB SSD, WES7P

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