Industrial Equipment Manufacturing

Edge Data Collector

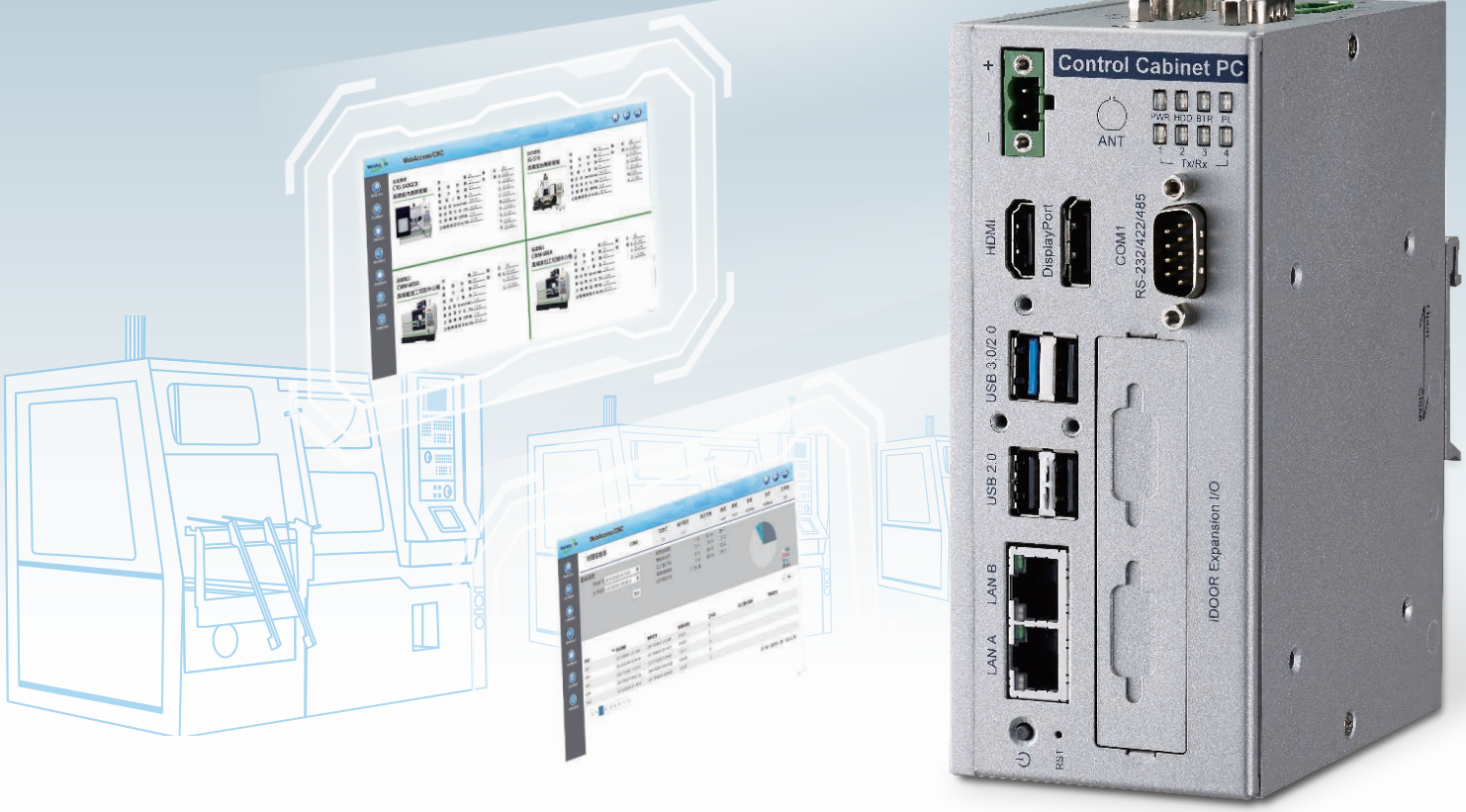
Intelligent CNC Machine Management

Edge Solution Ready Package

Edge-SRP
Edge Solution Ready Package

ESRP-CNC-UN01372

- Supports multiple CNC protocols for data conversion
- Improves productivity with data-driven decision making
- Enables machine-to-intelligence solutions



WebAccess/CNC

FANUC SIEMENS MITSUBISHI HEIDENHAIN brother

ADVANTECH
Enabling an Intelligent Planet

POWERED BY ADVANTECH WISE-PaaS

Edge Solution-Ready Package

ESRP-CNC-UNO1372

Supports multiple CNC protocols for data conversion

Embedded with WebAccess/CNC software, terminals can serve as a bridge between legacy and new machines to enable cross-factory machine data collection and conversion.

Improves productivity with data-driven decision making

Collected data provides a valuable overview of work progress, production line availability, and machine operating history for faster troubleshooting.

Enables machine-to-intelligence solutions

Advantech's intelligent CNC services are built on an industrial cloud-based platform that can be easily connected to multiple CNC machines to enable centralized data management.

CNC Data Gateway	CNC Runtime (Standard)	CNC Driver (Economical)
Part Number	ESRP-CNC-UNO1372	ESRP-CNC-UNO1372E
Operating System	Microsoft Windows10 IoT 2016 Enterprise LTSB (64 bit)	
Control Software	WebAccess/CNC with 5 x CNC Conectivity & 75 tags	
Max. Connectivity	Maximum 10 CNC Connectivity	Maximum 100 CNC Connectivity
Supported CNC Controllers	FANUC 0i-A/B/C/D/F, 16i, 18i, 21i, 31i, 32i (FOCAS library is required)	
	-	FANUC Robot Interface LR Mate 200iD, M-10iA, M-20iA, M-710iC, R-2000iC, M-900iB, M-2000iA, M-410iC with controller R-J3iB 7D80/45, 7D81/09, 7D82/01, 7D91/01 or later, R-30iA/30iA Mate/30iB/R-30iB Plus All Versions
	MITSUBISHI M700/M70, M800/M80 series	-
	SIEMENS 840D, 828D (OPC UA licenseis is required)	-
	HEIDENHAIN iTNC530, iTNC640 (DNC option is required)	-
	-	LNC M/T 2800/2900/5800/6800/6900/7900
	-	SYNTEC Support controllers with software (V10.116.36 or later) & CloudAgent (OPC UA server V2.10.0 or later)
	-	BROTHER CNC-B00 & CNC-C00 CNC-B00: TC-22B/31B/32BN/S2D/R2B/20B/S2DN; CNC-C00: S300X1/S500X1/S700X1/S1000X1/S500Z1/S700Z1/M140X1/M140X2/R450X1/R650X1/R450Z1
CPU	Intel ® Celeron ® J1900 (2 GHz)	
Memory	4 GB DDR3L	
Display Size/Type	1 x HDMI, supports 1920x1080 @ 60Hz 1 x DP, supports 2560x1440 @ 60Hz	
Storage	64 GB SSD	
Expansion Slots	2 x Full-size mPCIe (1 x mPCIe Install Internal locked USB Slot for USB Dongle)	
Network (LAN)	2 x 10/100/1000 Mbps BASE-T (LAN A/B: Intel® i210)	
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 4-channel Digital Input (Dry/Wet Contact) 4-channel Digital Output (Sink Type)	
Mount Options	DIN rail, wall	
Power Input (Voltage)	10 ~ 36 V_{DC}	
Operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)	
Storage Temperature	40 ~ 85 °C (-40 ~ 185 °F)	
Dimensions (W x D X H)	65 x 105 x 150 mm (2.55 x 4.13 x 5.90 in)	
Certification	CE, FCC Class A, UL, CCC, BSMI	

吳生 研伟科技 15335776690

Ordering Information

Edge SRP Offering

ESRP-CNC-UNO1372	Equipment connectivity data gateway with WebAccess/CNC Runtime 75 tags, 5 connectivity UNO-1372G-J021AE, 4 GB RAM, 64 GB SSD, Windows 10
ESRP-CNC-UNO1372E	Equipment connectivity data gateway with WebAccess/CNC Driver 75 tags, 5 connectivity UNO-1372G-J021AE, 4 GB RAM, 64 GB SSD, Windows 10

I/O Tags Upgrades

WA-X84-P075E	WA-X84-P300E	WA-X84-P600E	WA-X84-P15HE	WA-X84-P50HE
75 tags (upgrade)	300 tags (upgrade)	600 tags (upgrade)	1500 tags (upgrade)	5000 tags (upgrade)

Connectivity Upgrades (No I/O tags)

WA-CNC-X001E	WA-CNC-X005E	WA-BRO-X001E	WA-BRO-X005E	WA-BRO-X025E
1 CNC for CNC Runtime	5 CNC for CNC Runtime	1 CNC for CNC Driver	5 CNC for CNC Driver	25 CNC for CNC Driver

ADVANTECH

Enabling an Intelligent Planet