

Industrial  
Equipment  
Manufacturing

# Edge Data Collector

## Intelligent CNC Machine Management



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

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**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	
Part Number	ESRP-PCS-UNO1372
Operating System	Microsoft® Windows 10 Enterprise
Application Software	WebAccess/CNC with 5 x CNC licenses
CPU	Intel® Celeron® J1900, 2.0 GHz
Memory	4 GB DDR3L 1333 MHz
Storage	64 GB SSD
LED Indicators	Power, RTC Battery, LAN (active, status), COM (Tx/Rx), and HDD; all programmable via software
Expansion Slots	1 x Full-size mPCIe slot for wireless module
Mount Options	DIN rail
Network (LAN)	2 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000 BASE-T Fast Ethernet
I/O	4 x RS232/422/485, DB9,
	3 x USB 2.0, 1 x USB 3.0
	4-channel digital input (dry/wet contact) 4-channel digital output (sink type)
	1 x DP (up to 2560 x 1440 @ 60 Hz), 1 x HDMI (up to 1920 x 1080 @ 60 Hz)
	1 x 2-pin terminal block
Supported CNC Controllers	FANUC 0i-A/B/C/D/F, 16i, 18i, 21i, 31i, 32i (FOCAS library is required)
	MITSUBISHI M700/M70, M800/M80 series
	HEIDENHAIN iTNC530, iTNC640 (DNC option is required)
	SIEMENS 840D, 828D (OPC/UA license is required)
Dual DC Power Input	DC jack: 10 ~ 36 V <sub>DC</sub>
Operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F) @ 5 ~ 85% RH
Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
Dimensions (W x D x H)	65 x 105 x 150 mm (2.6 x 4.1 x 5.9 in)
Certification	CE, FCC, UL, CCC, BSMI

#### Ordering Information

ESRP-CNC-UNO1372

Equipment connectivity data gateway with WebAccess/CNC, 1 x HDMI, 1 x USB 3.0, 2 x LAN, 2 x COM

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