

MNCU Series of Fanless Network Controller



The MNCU Series of Fanless Network Controller (NCU) supporting both Modbus IP and BACnet® IP Protocols. It also supports user logic programming via SIDE. There are over 40 types of programmable functions available, typically PID, scheduler, conversion, timer, utilities, totaliser and etc. Graphics and trending can be set up from the web browser (Selected models only).

Features

- Supports user logic programming via SIDE.
- Modbus and BACnet®, are supported on the same controller which provides flexibility for implementation.
- Passive cooling design with compact size
- Vesa mountable

Specifications

Model Standard	MNCU-M	MNCU-B	MNCU-AG	MNCU-A5
Colour				
Construction	Black High quality all aluminium			
CPU Memory	Quad Core A55 2.0GHz LPDDR4 4GB 32GB	Intel Celeron	Intel N100 4 ~ 8 GB	Intel i5
Storage	(14GB for System)	128GB/512GB (14GB for System)		
System I/O	1 x HDMI 1 x Gigabit Ethernet Port 2 x 2.5Gbps Ethernet Port 2 x USB 3.0	1 x HDMI 1 x VGA Port Up to 2 x Gigabit Ethernet Port 2 x USB 3.0 2 x USB 2.0	2 x HDMI	
Power Supply	USB-C, support PD, 5/9/12V	1 x Power switch AC 100-240V, 60W adapter	AC 100-240V, 48/60W adapter	AC 100-240V, 90W adapter
Operating Temperature	0°C ~ +60°C			
Humidity	5% ~ 90% relative humidity, non-condensing			
Dimensions	94.5 x 68 x 30mm	136 x 127 x 40mm	150 x 126.5 x 45mm	170 * 140 * 58 mm
Weight	0.264kg	0.65kg	0.84kg	1.1kg
Certification	CCC	CCC	CE, CCC, FCC Class A, RoHS	CE, CCC, FCC Class A, RoHS
Max no of users	5	10	20	50
Max no of user permission group	2	5	5	5
No of Concurrent users	1	3	5	10



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Max no of Graphical pages	20	100	250	390
Max no of points	250 (UI & programming) 5000 (Programming only)	800 (UI & programming) 6000 (Programming only)	1200	1800
Max no of points/schedule	10			
Min trending interval	10secs			

*Specifications and certifications are based on options and may vary.

Packing List

1x Power Adapter

Ordering Guide

Model	MNCU-M (Programming Only) MNCU-MW MNCU-B (Programming Only) MNCU-BW		4
RAM	MNCU-AG MNCU-A5 4GB DDR4 (N/A for MNCU-Mx) 8GB DDR4 (N/A for MNCU-Mx)		8
Storage	128GB (N/A for MNCU-Mx) 512GB (N/A for MNCU-Mx)		128 512