

# CP-250 - CPU Unit

**Spare Part Number:** CP-250

**Net Weight:** 390.00g

**Net Dimensions:** 100.00mm x 72.00mm x 90.00mm

**Technical Datasheet:** [Protected Link](#)

**Manual:** [Protected Link](#)

## Description

### CP-250 PLC (CPU)

Sysmac NX1 Modular CPU, 5MB program and 33.5MB data memory , built-in EtherCAT (8 servo axes, 4 PTP axes, total 64 EtherCAT nodes), 2 Ethernet ports (OPC-UA and EtherNet/IP)

NX102-1200

## Specifications

Controller functionality

Motion control, OPC-UA, Position control, S control

Max. number of synchronous axes

8

Max. number of PTP axes	4
Max. number of axes (incl. virtual)	15
Primary task cycle time	1 ms
Program memory	5 MB
Variables memory	33.5 MB
Communication port(s)	EtherCAT Master, EtherNet/IP, Ethernet TCI USB
Communication option(s)	Serial RS-232C, Serial RS-422, Serial RS-485
Max. number of remote I/O nodes	64
I/O system	NX I/O Bus
Max. number of expansion units	32
Height	100 mm
Width	66 mm
Depth	100 mm
Weight	0 g

### Equipment Ref

810 Ref. **NX102 1200**

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### Catalogues/Families

Spare Part Type	
Electrical Component	
Stock Type	
Standard Stock	