

INDUSTRIAL COMPONENT DATA

CJ2M-CPU31 CJ2W9020R 392396 OMRON 5K Ethernet CPU steps

Brand: OMRON | Manufacturer Part Number: CJ2M-CPU31



Manufacturer	OMRON
MPN / Reference	CJ2M-CPU31
Catalog number	CJ2MCPU31.1
Category	PLC CPU-module
Minimum order	1 Pcs
Document ID	EO-CAF23D66CE
Generated	2026-07-31

Product Overview

CPU Ethernet 5K steps

CPU with built-in EtherNet/IP port, 5K steps program, 32K words data memory, 32K words x 1 bank EM, 2560 I/O max, option port for RS-232C/485, USB pro

CPU with built-in EtherNet/IP port, 5K steps program, 32K words data memory, 32K words x 1 bank EM, 2560 I/O max, option port for RS-232C/485, USB programming port, 3 expansion racks max.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Control Systems > CJ1

Additional Product Information

Specifications

Program capacity 25 K steps

Data memory capacity 64 K words

Logic execution time 0.04 µs

Max. number of expansion units 40

Max. number of local I/O points 2560

Number of built-in digital I/Os 0

Communication port(s) EtherNet/IP, Ethernet TCP/IP, USB

Height 90 mm

Width 62 mm

Depth 84.5 mm

Weight 190 g

Accessories

CJ1W-CIF11 RS-485 adaptor, 2 or 4 wire, connects directly to RS-232C 9-pin port for serial PLC link, screw terminals on RS-485 side

CJ1W-IC101 Expansion I/O control unit, connects to right hand side of CPU

CJ1W-II101 Expansion I/O interface unit, connects to left hand side of expansion I/O rack, up to 3 expansion racks

CJ1W-PA202 Power supply unit, 100-240 VAC, output capacity: 14 W

CJ1W-PA205R Power supply unit, 100-240 VAC, output capacity: 25 W, with RUN output

CJ1W-PD022 Power supply unit, 24 VDC, output capacity: 19.6 W

CJ1W-PD025 Power supply unit, 24 VDC, output capacity: 25 W

CJ2M-MD211 Pulse I/O Module for CJ2M, NPN with 10 inputs (four interrupt/quickresponse and two high-speed counter inputs) and 6 outputs (two pulse and two PWM outputs)

CJ2M-MD212 Pulse I/O Module for CJ2M, PNP with 10 inputs (four interrupt/quickresponse and two high-speed counter inputs) and 6 outputs (two pulse and two PWM outputs)

CP1W-CIF01 CP1 RS-232C (15 m max.) serial communication option board

CP1W-CIF11 CP1 RS422/485 (50 m max.) serial communication option board

CP1W-CIF12-V1 CP1 RS422/485 (isolated 500 m max.) serial communication option board

CP1W-CN221 USB Prog...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CJ2M-CPU31 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.