



CJ2H-CPU67-EIP

CPU with built-in EtherNet/IP port, 250K steps program, 32K words data memory, 32K words x 15 banks EM, 2560 I/O max, RS-232C serial port, USB programming port, 3 expansion racks max.

Specifications

Program capacity	250 K steps
Data memory capacity	512 K words
Logic execution time	0.016 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, Serial RS-232C, USB
Product Height (unpacked)	90 mm
Product Width (unpacked)	79.8 mm
Product Depth (unpacked)	74.5 mm
Product Weight (unpacked)	280 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
	CP1W-CN221	USB Programming cable, A-type male to B-type male, 1.8 m
	CS1W-CIF31	Cable, PC USB to RS-232C converter cable, for Windows 98/ME/2000/XP, drivers included on CD-ROM, an Omron programming cable is also required
	CS1W-CN223	I/O expansion rack connecting cable for NJ/CJ/CS-series, 2 m
	CS1W-CN713	I/O expansion rack connecting cable for NJ/CJ/CS-series, 70 cm
	CXONE-AL01-EV4	Single-user licence for CX-One V4.x software, for Windows 7 (32-bit/64-bit) / Windows 8.1 (32-bit/64-bit) / Windows 10 (32-bit/64-bit) / Windows 11 (64-bit), (requires CDs or DVD, CXOne-CD-EV4, or CXOne-DVD-EV4)
	HMC-EF183	Flash memory card, 128MB
	W4S1-05D	5-port enhanced Ethernet switch
	XS6W-6LSZH8SS200CM-B	Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 2 m
	XS6W-6LSZH8SS300CM-B	Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 3 m
	XS6W-6LSZH8SS500CM-B	Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 5 m
	XS6W-6LSZH8SS50CM-B	Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 0.5 m
	XW2Z-200S-V	Cable, RS-232C, for programming PLC or HMI 9-pin port from PC 9-pin port, 2 m



XW2Z-200T

Cable, RS-232C, for connecting NT HMI 9-pin port to PLC 9-pin port, 2 m

Spare parts



CJ1W-BAT01

Battery for CJ1M PLCs



CJ1W-TER01

End plate for CJ1 CPU rack or expansion rack. Only required as spare part.

Related products



CJ Digital I/O Units

8 to 64 points per unit - input, output or mixed



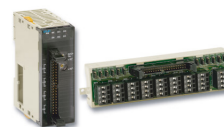
CJ Analogue I/O and Control Units

From basic Analogue I/O to advanced temperature control



CJ Communication Units

Open to any communication



CJ Motion/Position Control Units

Add motion control to any CJ-Series PLC



CJ Power Supplies, Expansions

Power and flexibility



CS Power Supplies, Backplanes

Expand with up to 7 racks

Downloads



**CJ-series -[DeviceNet]-
3G3RX-V1-series
Inverter**
Connection Guide

EN PDF 2.09 MB



**CJ-series -[DeviceNet]-
ABB IRC5 Robot
Controller**
Connection Guide

EN PDF 2.79 MB



**CJ-series -[DeviceNet]-
Janome Sewing Machine
JR3000-series Desktop
Robot**
Connection Guide

EN PDF 2.14 MB



**CJ-series -[EtherCAT]-
E3NW-ECT Digital
Sensor Communication
Unit**
Connection Guide

EN PDF 2.03 MB



**CJ-series -[EtherNet/IP]-
ABB IRC5 Robot
Controller**
Connection Guide

EN PDF 6.46 MB



**CJ-series -[EtherNet/IP]-
Balluff BNI EIP-50x-105-
Z015**
Connection Guide

EN PDF 3.11 MB



**CJ-series -[EtherNet/IP]-
DENSO WAVE RC8
Robot Controller**
Connection Guide

EN PDF 4.42 MB



**CJ-series -[EtherNet/IP]-
FH-series Vision System**
Connection Guide

EN PDF 2.83 MB



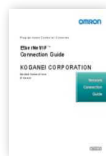
**CJ-series -[EtherNet/IP]-
FZ5-series Vision
System**
Connection Guide

EN PDF 2.8 MB



**CJ-series -[EtherNet/IP]-
Hilscher netTAP NT100
Gateway (NT 100-RE-
DN)**
Connection Guide

EN PDF 3.53 MB



**CJ-series -[EtherNet/IP]-
KOGANEI Manifold
Solenoid Valve (F
Series)**
Connection Guide

EN PDF 2.79 MB



**CJ-series -[EtherNet/IP]-
NX-EIC + NX-ILM400 -
[IO-Link]- E2E-series
Proximity Sensor**
Connection Guide

EN PDF 3.71 MB



**CJ-series -[EtherNet/IP]-
NX-EIC + NX-ILM400 -
[IO-Link]- E3Z-series
Photoelectric Sensor**
Connection Guide

EN PDF 3.29 MB



**CJ-series -[EtherNet/IP]-
NX-EIC + NX-ILM400 -
[IO-Link]- Turck I/O Hub
(TBIL)**
Connection Guide

EN PDF 3.89 MB



**CJ-series -[EtherNet/IP]-
NX-EIC + NX-ILM400 -
[IO-Link]- MTS Sensors
(E-Series)**
Connection Guide

EN PDF 3.93 MB



**CJ-series -[EtherNet/IP]-
NX-EICxxx Coupler**
Connection Guide

EN PDF 3.17 MB



**CJ-series -[EtherNet/IP]-
Nordson ProBlue
Adhesive Melters**
Connection Guide

EN PDF 2.47 MB



**CJ-series -[EtherNet/IP]-
PHOENIX CONTACT
AXL E-series I/O Device**
Connection Guide

EN PDF 2.7 MB



**CJ-series -[EtherNet/IP]-
SMC EX600-SENx SI
Unit**
Connection Guide

EN PDF 3.07 MB



**CJ-series -[EtherNet/IP]-
SMC JXC91 Step Motor
Controller**
Connection Guide

EN PDF 2.74 MB



**CJ-series -[EtherNet/IP]-
V680S-series RFID**
Connection Guide

EN PDF 2.61 MB



CJ-series -[EtherNet/IP]- WAGO I/O-SYSTEM 750- series Fieldbus Coupler Connection Guide

EN PDF 3.26 MB



CJ-series -[EtherNet/IP]- Yamaha Motor RCX- series Robot Controller Connection Guide

EN PDF 3.11 MB



CJ-series -[EtherNet/IP]- Yamaha Motor TS-series Single-axis Robot Controller Connection Guide

EN PDF 3.39 MB



CJ-series -[EtherNet/IP]- Yamaha RCX340 Robot Controller Connection Guide

EN PDF 5.11 MB



CJ-series -[EtherNet/IP]- ZW-7000-series Displacement Sensor Connection Guide

EN PDF 2.19 MB



CJ-series -[EtherNet/IP]- ZW-series Displacement Sensor Connection Guide

EN PDF 2.78 MB



CJ-series -[EtherNet/IP]- ifm IO-Link master (AL1322) Connection Guide

EN PDF 3.12 MB



CJ-series -[Ethernet TCP/IP]- MARS TOHKEN TFIR-31LAN-series Connection Guide

EN PDF 2.56 MB



CJ-series -[Ethernet TCP/IP]- V750-series RFID System Connection Guide

EN ZIP 1.78 MB



CJ-series -[Ethernet TCP/IP]- Yamaha Motor RCX-series Robot Controller Connection Guide

EN ZIP 2.55 MB



CJ-series -[RS-232C]- MARS TOHKEN SOLUTION MVF- 300/500-series Connection Guide

EN PDF 1.93 MB



CJ-series -[RS-232C]- MARS TOHKEN TFIR- 31LAN-series Connection Guide

EN PDF 2.42 MB



CJ-series -[RS-232C]- Shimadzu balance (ATX- R/ATY- R/UPX/UPY/UW/UX Series) Connection Guide

EN PDF 2.34 MB



CJ-series -[RS-232C]- V400-R2-series Ultra Small Multi-code Reader Connection Guide

EN ZIP 2.55 MB



CJ-series -[RS-232C]- V500-R2-series Fixed Laser-Type Barcode Reader Connection Guide

EN ZIP 2.62 MB



CJ-series -[RS-232C]- V750-series RFID System Connection Guide

EN ZIP 1.94 MB



CJ-series -[RS-232C]- ZW-7000-series Displacement Sensor Connection Guide

EN ZIP 1.95 MB



CJ-series -[RS-485 CompoWay/F]- Digital Temperature Controller (E5xD/E5xC/E5xC-T) Connection Guide

EN PDF 3.3 MB



CJ-series -[RS-485 CompoWay/F]- KM50 Smart Power Monitor Connection Guide

EN ZIP 2.82 MB



CJ-series -[RS-485 Modbus]- 3G3MX2- series Type V1 Connection Guide

EN ZIP 2.33 MB



CJ-series -[RS-485 Modbus]- ORIENTAL MOTOR Alpha STEP AR- series Connection Guide

EN ZIP 3.02 MB



CJ-series -[RS-485 Modbus]- ORIENTAL MOTOR Alpha STEP AZ- series Connection Guide

EN ZIP 2.98 MB



CJ-series -[RS-485 Modbus]- ORIENTAL MOTOR BLE-series Brushless Motor Connection Guide

EN ZIP 2.58 MB



CJ-series -[RS-485 Modbus]- ORIENTAL MOTOR RK II-series Stepping Motor Connection Guide

EN ZIP 3.79 MB



CJ-series various models (Europe only) Discontinuation Notice

EN PDF 535 KB



CJ/CS-series EtherNet/IP EtherNet/IP EDS file

EN ZIP 5.94 KB



CJ2 CPU Units Hardware Users Manual

EN PDF 8.4 MB



CJ2 CPU Units Software Users Manual

EN PDF 10.1 MB



CJ2 Series Brochure

EN PDF 2.36 MB



CJ2-Series Programmable Controller Datasheet

EN PDF 17.9 MB



CJ2H-CPU6 _EIP CPU Units with built-in EtherNet/IP Datasheet

EN PDF 985 KB



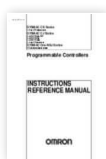
CS/CJ-Series EtherNet/IP Units Operation Manual

EN PDF 11 MB



CS/CJ/CP/NSJ Communications Commands Reference Manual

EN PDF 3.61 MB



CS/CJ/NSJ-series PLC, SYSMAC One NSJ Series Reference Manual

EN PDF 20.6 MB



CS1/CJ1/NSJ Series Programmable Controllers Programming Manual

EN PDF 5.96 MB



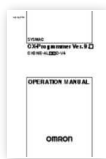
CX-Integrator Ver 2 Operation Manual

EN PDF 7.55 MB



CX-One V4 Setup Manual

EN PDF 1.27 MB



CX-Programmer Operation Manual

EN PDF 7.14 MB



CX-Programmer FB/ST Operation Manual

EN PDF 2.39 MB



CX-Programmer SFC Operation Manual

EN PDF 4.18 MB



FDK CR14250SE Battery Safety Datasheet

EN PDF 140 KB



NJ-series -[EtherNet/IP]- CJ2-series Controller Connection Guide

EN ZIP 6.41 MB

TERMS OF WEBSITE USE

This PDF document was created from the European OMRON Industrial Automation website on 28 May, 2025. Click here for [terms of use](#).

OMRON

INDUSTRIAL AUTOMATION | [INDUSTRIAL.OMRON.EU](https://www.industrial.omron.eu)