



## CJ2H-CPU68-EIP

CPU with built-in EtherNet/IP port, 400K steps program, 32K words data memory, 32K words x 25 banks EM, 2560 I/O max, RS-232C serial port, USB programming port, 3 expansion racks max.

# Specifications

|                                 |                                                   |
|---------------------------------|---------------------------------------------------|
| Program capacity                | 400 K steps                                       |
| Data memory capacity            | 832 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

|                                                                                     |                             |                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | <b>CJ1W-PD022</b>           | Power supply unit, 24 VDC, output capacity: 19.6 W                                                                                                                                                                     |
|    | <b>CJ1W-PD025</b>           | Power supply unit, 24 VDC, output capacity: 25 W                                                                                                                                                                       |
|    | <b>CS1W-CIF31</b>           | CS1 serial conversion cable, PC USB to RS-232C for Windows 98/ME/2000/XP, drivers included on CD-ROM, an Omron programming cable is also required                                                                      |
|    | <b>CS1W-CN223</b>           | I/O expansion rack connecting cable for NJ/CJ/CS-series, 2 m                                                                                                                                                           |
|    | <b>CS1W-CN713</b>           | I/O expansion rack connecting cable for NJ/CJ/CS-series, 70 cm                                                                                                                                                         |
|    | <b>CXONE-AL01-EV4</b>       | 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) |
|    | <b>HMC-EF183</b>            | Flash memory card, 128MB                                                                                                                                                                                               |
|  | <b>W4S1-05D</b>             | 5-port enhanced Ethernet switch                                                                                                                                                                                        |
|  | <b>XS6W-6LSZH8SS200CM-B</b> | Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 2 m                                                                                                                                                                  |
|  | <b>XS6W-6LSZH8SS300CM-B</b> | Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 3 m                                                                                                                                                                  |
|  | <b>XS6W-6LSZH8SS500CM-B</b> | Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 5 m                                                                                                                                                                  |
|  | <b>XS6W-6LSZH8SS50CM-B</b>  | Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 0.5 m                                                                                                                                                                |
|  | <b>XW2Z-200S-V</b>          | Cable, RS-232C, for programming PLC or HMI 9-pin port from PC 9-pin port, 2 m                                                                                                                                          |
|  | <b>XW2Z-200T</b>            | 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



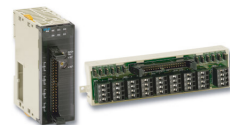
### **CJ Analogue I/O and Control Units**

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

## Downloads

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## CJ-series -[DeviceNet]- 3G3RX-V1-series Inverter

### Connection Guide

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## CJ-series -[DeviceNet]- ABB IRC5 Robot Controller

### Connection Guide

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## CJ-series -[DeviceNet]- Janome Sewing Machine JR3000-series Desktop Robot

### Connection Guide

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## CJ-series -[EtherCAT]- E3NW-ECT Digital Sensor Communication Unit

### Connection Guide

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## CJ-series -[EtherNet/IP]- ABB IRC5 Robot Controller

### Connection Guide

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## CJ-series -[EtherNet/IP]- Balluff BNI EIP-50x-105- Z015

### Connection Guide

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## CJ-series -[EtherNet/IP]- DENSO WAVE RC8 Robot Controller

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## CJ-series -[EtherNet/IP]- FH-series Vision System

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## CJ-series -[EtherNet/IP]- FZ5-series Vision System

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

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

### Connection Guide

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

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

### Connection Guide

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

### Connection Guide

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

### Connection Guide

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## CJ-series -[EtherNet/IP]- NX-EICxxx Coupler

### Connection Guide

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## CJ-series -[EtherNet/IP]- Nordson ProBlue Adhesive Melters

### Connection Guide

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## CJ-series -[EtherNet/IP]- PHOENIX CONTACT AXL E-series I/O Device

### Connection Guide

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## CJ-series -[EtherNet/IP]- SMC EX600-SENx SI Unit

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## CJ-series -[EtherNet/IP]- SMC JXC91 Step Motor Controller

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## CJ-series -[EtherNet/IP]- V680S-series RFID

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

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

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

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

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

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### CJ-series -[EtherNet/IP]- ZW-series Displacement Sensor

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

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

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

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

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

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

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

Connection Guide

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

Connection Guide

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

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### CJ-series -[RS-232C]- V750-series RFID System

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

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

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

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

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

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

Connection Guide

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

Connection Guide

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

Connection Guide

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

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### CJ2 CPU Units Hardware Users Manual

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### CJ2 CPU Units Software Users Manual

EN PDF 10.1 MB



## CJ2 Series

### Brochure

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## CJ2-Series Programmable Controller

### Datasheet

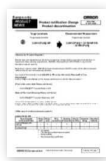
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## CJ2H-CPU6 -EIP CPU Units with built-in EtherNet/IP

### Datasheet

**EN** PDF 985 KB



## CJ2H-CPUxx-EIP

### Discontinuation Notice

**EN** PDF 255 KB



## CS/CJ-Series EtherNet/IP Units

### Operation Manual

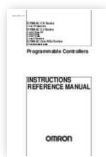
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## CS/CJ/CP/NSJ Communications Commands

### Reference Manual

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## CS/CJ/NSJ-series PLC, SYSMAC One NSJ Series

### Reference Manual

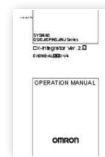
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## CS1/CJ1/NSJ Series Programmable Controllers

### Programming Manual

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## CX-Integrator Ver 2

### Operation Manual

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## CX-One V4

### Setup Manual

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## CX-Programmer

### Operation Manual

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## CX-Programmer FB/ST

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## CX-Programmer SFC

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## Cj-series Pre-announcement

### Leaflet

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## FDK CR14250SE

### Battery Safety Datasheet

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## NJ-series -[EtherNet/IP]- CJ2-series Controller

### Connection Guide

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