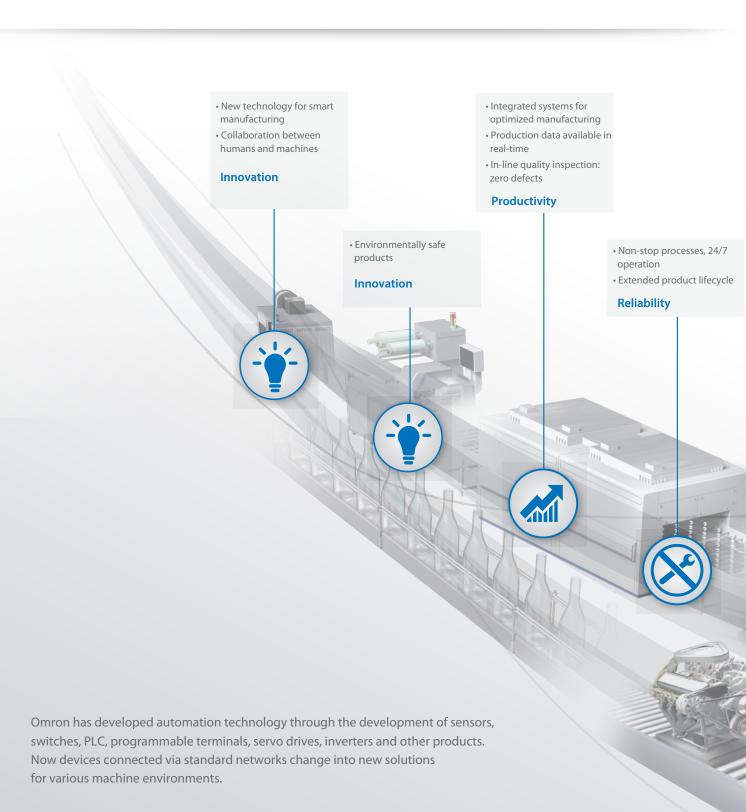


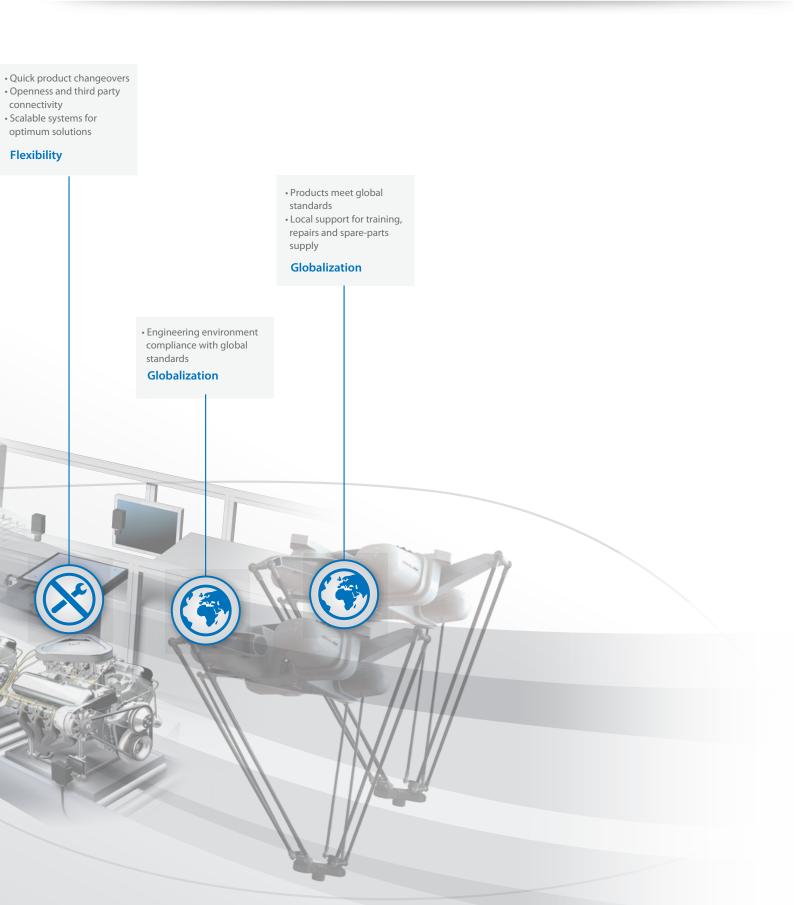
FA Controller Catalog



Controllers ideal for all machines

Controllers ideal for all machines





4 FA Controller Catalog

Controllers ideal for all machines

The cost-effective CP Series and complete, robust NJ/NX/NY Series support from simple machine control through to large production line control and plant management. The controllers not only help reduce programming, set-up and maintenance times, but also enable fast and accurate fine-tuning control, quality traceability, predictive maintenance, preven-

tive maintenance, and remote maintenance.



The Machine Automation Controller integrates logic, motion, safety, vision, information, visualization and networking under one software: Sysmac Studio. This one software provides a true Integrated Development Environment (IDE) that also includes a custom 3D motion simulation tool.

The machine controller comes standard with built-in EtherCAT and EtherNet/IP. The two networks with one connection purpose is the perfect match between fast real time machine control and data plant management.





Omron's Industrial PC Platform includes the Industrial Box PC, Industrial Panel PC, and Industrial Monitor.

Choose from three different types of products to suit your system:

- Industrial PC comes equipped with Windows operating systems
- IPC Machine Controller combines the precision and utility of the Sysmac platform with the versatility and range of Windows programs
- IPC RTOS Controller comes equipped with real-time operating systems for realtime control





Programmable

Multi-Axis Controller

The Programmable Multi-Axis Controller was developed by combining Omron ILO+R+S (Input, Logic, Output, Robot, and Safety) control technology with proven technology from Omron's Delta Tau Data Systems, Inc., delivering world-beating* output speeds allied to exceptional precision.

Providing the high-speed processing capability to perform precise linear motor drive control and nanometer positioning that require ultra fast responses, it is appreciated by manufacturers of semiconductor manufacturing equipment and other products employing leading-edge technologies.





This series supports a wide variety of communication interface including Ether-Net/IPTM.

The FA Integrated Tool Package CX-One makes programming and debugging faster and easier. The PLC is suitable for small to medium machines - from simple stand-alone applications up to networked, high-speed machines. It is built to give you innovation without growing pains.





The CP Series provides a complete product line-up to automate compact machines and perform any other simple automation tasks, quickly and easily. Connect the HMI, servo drives, inverters, temperature controllers and other devices to create a more cost-effective system.



A fully integrated platform



Standard networks

Built-in international standard (IEC 62541) OPC UA communication functionality (NX701-

NX502-___, NX102-___, NJ501-1_00)

Built-in EtherCAT and EtherNet/IP ports

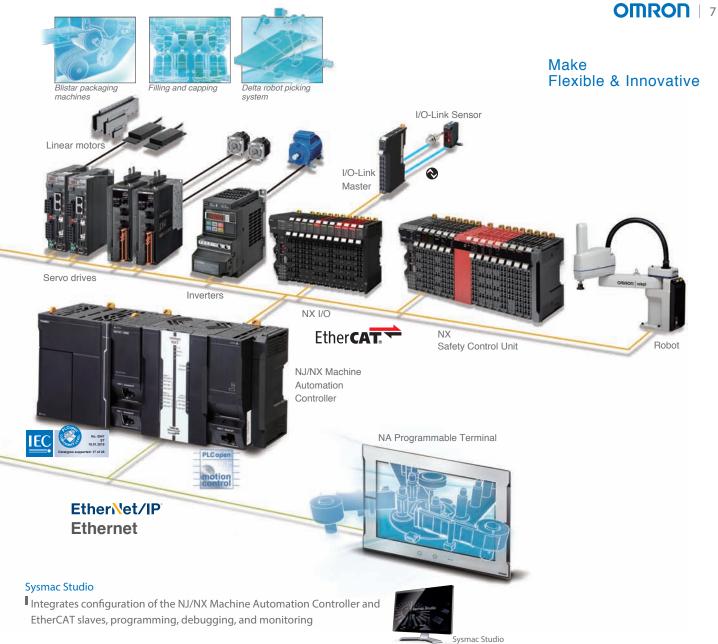
- EtherCAT: High-speed network to connect a wide range of machine automation devices such as I/O, sensors and drives. Fast, highly accurate control in synchronization with the EtherCAT cycle. Up to 512 slaves
- EtherNet/IP: Based on standard protocols (TCP/IP and UDP/IP). Allows for mixing Ethernet devices and Ethernet applications

Safety integration

Flexible system lets you integrate safety into machine automation through the use of Safety over EtherCAT (FSoE). Sysmac Studio reduces programming time

CPU Unit with advanced functionality

- Database Connection: Logs real-time data from production lines directly into SQL Databases. This enables predictive/preventive maintenance and quality traceability
- Robot Integrated CPU Unit: Integration of Logic, Motion, OMRON Robot and Kinematics in one CPU.
- SECS/GEM: Built-in SECS/GEM communications functions
- NC Integrated Controller: Realize high-accuracy synchronization motion control (MC) and numerical control (NC) functions by ONE controller. G-Code available.



Sysmac Library

The Sysmac Library is a collection of software functional components that can be used in programs for the NJ/NX Machine Automation Controllers. Please download it from following URL and install to Sysmac Studio. http://www.ia.omron.com/sysmac_library/



What's new

Integrated control, information, and safety brings a new
level of speed to manufacturing sites: NX5
Controls 32 axes with cycle time of 250 µs
Used motion control servo axes : 64, 32, 16 axes
Program capacity : 80 MB
SQL functionality : Reliable, rapid, and easy direct
access to databases and utilization of production data
OPC UA functionality : Secure connection to IT
systems such as MES and ERP
10 x 1 Gbps ports for high-speed, high-capacity
communications *1
*1. When connecting four NX-EIP201 units



NJ/NX Series Controller Catalog • P089

NX502_NX-201 • P158

Openness meets Automation Control









Omron's Industrial PC Platform includes the Industrial Box PC, Industrial Panel PC, and Industrial Monitor. Choose from three different types of products to suit your system.

Features

- Industrial Box PC: Powerful, reliable, scalable
- Industrial Panel PC: Combines the functionality of the Industrial Box PC and Industrial Monitor
- Industrial Monitor: Display and touch interface for the industrial PC platform
- Powerful performance maximize output
- Rock-solid build improve uptime
- Real-time OS inside reliable machine control

Industrial PC

Windows IPC. Powerful, reliable, scalable - and tough as they come

IPC Machine Controller

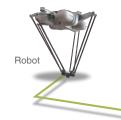
- Combines the precision and utility of the Sysmac platform with the versatility and range of Windows programs
- Automation Software Sysmac Studio: Integrates configuration of the machine automation controller and
- EtherCAT slaves, programming, debugging, and monitoring
- Collection of software functional components Sysmac Library: Simplicity for advanced control. Available to download from Omron website and install to the Sysmac Studio http://www.ia.omron.com/sysmac_library/



IPC RTOS Controller

Real-time operating systems. Enables you to program own real-time control of your machine functionality and at the same time executing advanced data processing tasks









High-speed, high-precision motion controller

Programmable Multi-Axis Controller





OMRON and OMRON's Delta Tau Data Systems, Inc. (DT) worked together to develop the multi-axis controllers with global leading motion control technology from DT. The multi-axis controller achieves sophisticated fine-tuning control, including high-speed synchronous control of various factory automation (FA) devices, thanks to built-in EtherCAT connectivity which is used for production lines and equipment all over the world.

Features										
CAD/CAM for	easy motion o	control								
Flexible funct	on developm	ent capab	ility enabl	es high-	orecisio	on curve	e mach	ining		
G-Code/ANSI	C/original pro	gramming	g languag	e						
EtherCAT for 1	exible systen	n configur	ation							
	tion control									

CK3M/CK5M Programmable Multi-Axis Controller

A next generation motion controller CK3M provides PMAC's superior motion control capability, multi-vendor connectivity, and flexible development capability. The modular design allows you to freely combine the CK3M with expansion units to enable a variety of applications.

CK3E Programmable Multi-Axis Controller

Vou can build a system capable of controlling up to 32 axes of motion and incorporate customized control algorithms into the system. The compact design saves space in machines and control panels. EtherCAT[®] connects servo drives, I/O, and other devices to the CK3E, reducing the number of cables.

Programmable Multi-Axis Controller

The Programmable Multi-Axis Controller has been developed by US-based Delta Tau Data Systems, Inc. to deliver the world's highest level* of motion control performance.Providing the high-speed processing capability to perform precise linear motor drive control and nanometer positioning that require ultra fast responses, the Programmable Multi-Axis Controller is appreciated by manufacturers of semiconductor manufacturing equipment and other products employing leading-edgetechnologies.Through working together with Delta Tau Data Systems which joined the Omron Group on September 1 2015, Omron will further advance automation technologies in an ever-changing manufacturing environment to help manufacturers improve productivity and manufacturing quality.

OMRON | 11



CK3M Programmable Multi-Axis Controller Catalog R196

CK3E Programmable Multi-Axis Controller Flyer R188



A wide range of PLC and I/O brings innovation to your machines and reduces costs

Faster and larger networks, a wide variety of communication interfaces







The PLC is suitable for small to medium machines - from simple stand-alone applications up to networked, high-speed machines. It is built to give you innovation without growing pains.

Features Supports open networks including EtherNet/IP, EtherCAT, FL-net, DeviceNet and CompoNet Efficient programming with variables and EtherNet/IP setting with variable names make the configuration more flexible

A wide range of CPU units and I/O units to suit your needs

Open to the world

- Data communication via standard Ethernet port with EtherNet/IP Data Link function
- Increased EtherNet/IP performance to 12,000 pps*1
- High-speed I/O link based on EtherCAT enables distributed control using multiple CPU units

Advanced motion control

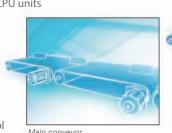
- Multi-axes synchronous control
- Can replace expensive motion controllers

High-speed

Faster program execution and immediate I/O refreshing for flexible machine control

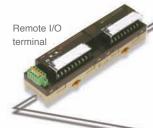
Highly flexible

Adapt the PLC unit to your needs with the wide variety of compatible CJ1 I/O Units





Temperature controller

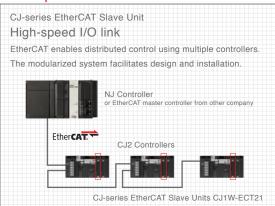


Device/\et CompoNet[®]

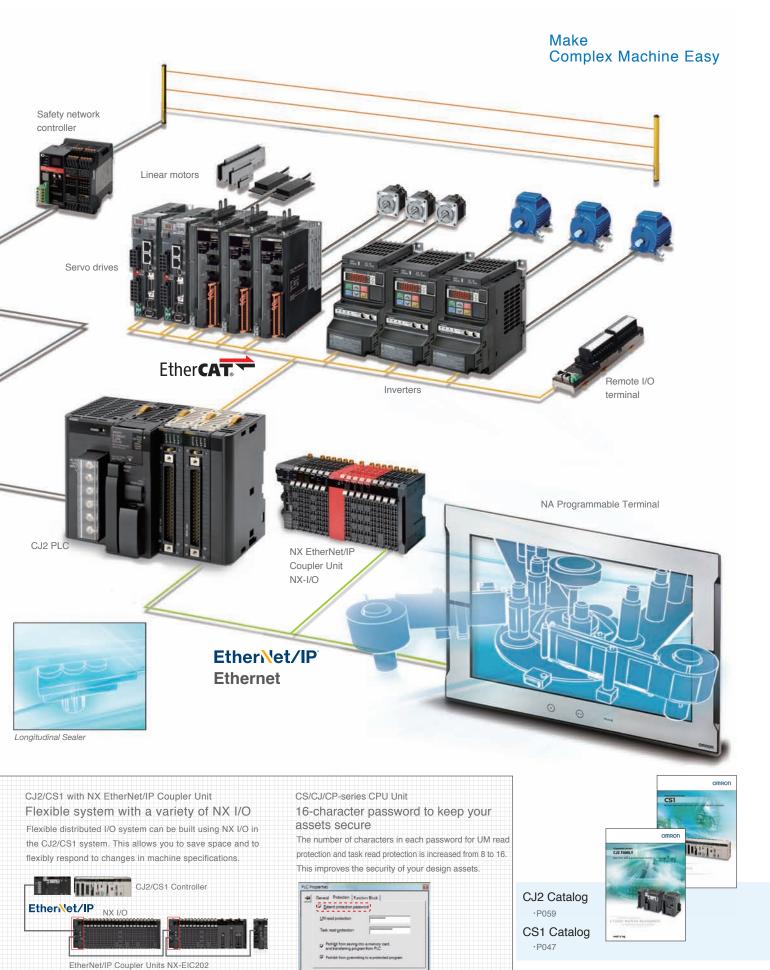


Main conveyor

Pick up



OMRON | 13



More cost-effective automation for compact machines

Simple, Compact, Economical





The CP Series provides a complete product line-up to automate compact machines and perform any other simple automation tasks, quickly and easily.

Features

- 10 to 60 I/O base models, expandable to 320 I/O points
- Digital, analog and temperature sensor I/O expansion units
- Up to 4 high-speed pulse outputs and up to 4 high-speed counter inputs
- Excellent communication capabilities for both serial and Ethernet networking

Powerful instructions common within the CJ Series

Easy positioning, quick results

Easy control: Speed control, positioning, origin search and interrupt feedingModbus Master feature for easy inverter control

Saving programming time

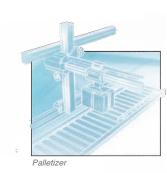
Ladder diagram, Function Blocks or Structured Text programming

Versatile communication

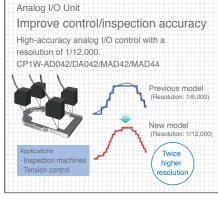
- USB or Ethernet port^{*1} no special cables needed
- Communication with Temperature Controller E5 C without special programs
- Optional boards for RS-232C, RS-485 or Ethernet*2

More options - greater possibilities!

- Analog I/O unit with a resolution of 1/12,000 for high-accuracy inspections
- One multi-input unit for both temperature and analog control of a packaging machine or molding machine
- Analog option boards helps save space

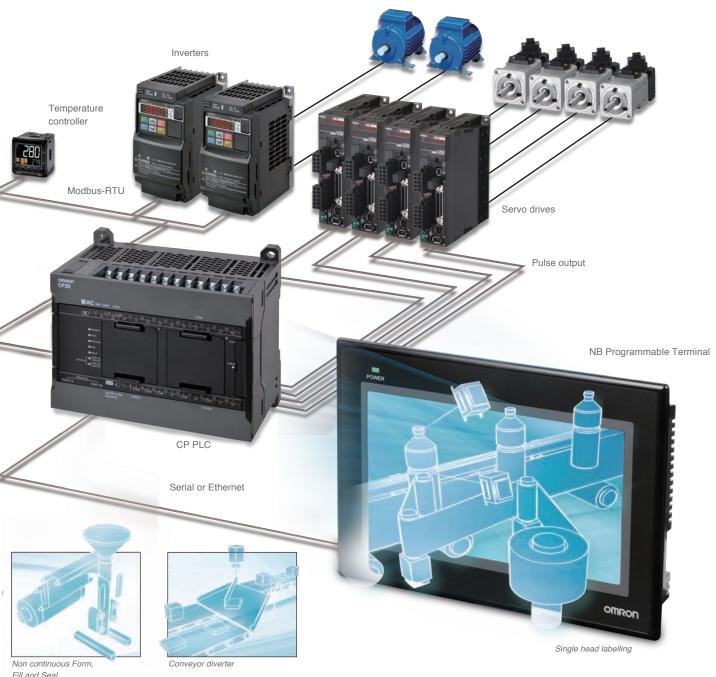


Pick up



OMRON | 15

Make **Complex Machine Easy**

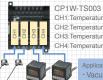


Fill and Seal

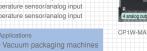
Temperature Sensor Unit

Multi-inputs: thermocouple/analog inputs

The CP1W-TS003 has two inputs that can be used for temperature sensor or analog inputs. Both temperature sensor and analog inputs can be achieved with only one unit.



CH1:Temperature sensor input CH2:Temperature sensor input H3:Temperature sensor/analog input nperature sensor/analog input



For a wide variety of applications The unit with multiple analog I/O or with multiple temperature sensor inputs provides more scalability and flexibility.

Analog I/O Unit/Temperature Sensor Unit







Controllers Selection

Omron offers a wide range of FA Controllers to suit your automation applications - from simple control to complex, highly accurate control.

Ŋ	J/NX seri	ies						
Serie	es .			NX 5	Series			
Prod	luct name		NX701 CPU Units	NX502 CPU Units	NX102 CPU Units	NX1P2 CPU Units		
Mode	el		NX701-	NX502-	NX102-000	NX1P2 -		
Appe	earance							
	CPU Unit fea	atures	Ideal for large-scale, fast, and highly-accurate control with up to 256 axes	Ideal for large-scale, fast, and highly-accurate control with up to 64 axes. Used with NX-EIP201 to configure up to 10 EtherNet/IP networks.	Compact controller with up to 8 axes motion control.	Compact package-type machine automation controller		
	Support soft	ware	Sysmac Studio					
	Instruction	LD instructions	0.37 ns or more	0.53 ns or more	3.3 ns	3.3 ns		
Spec	execution times	Math instructions (for long real data)	3.2 ns or more	3.3 ns or more	70 ns or more	70 ns or more		
lifica	Program cap	pacity	80 MB	80 MB	5 MB	1.5 MB		
Specifications	Variables ca	apacity	4 MB: Retained during power interruptions 256 MB: Not retained during power interruptions	4 MB: Retain attributes 256 MB: No Retain attributes	4 MB: Retained during power interruptions 256 MB: Not retained during power interruptions	32 KB: Retained during power interruptions 2 MB: Not retained during power interruptions		
	I/O capacity / configuration	/ maximum number of n Units (Expansion Racks)		 Up to 63 NX I/O Units connectable	 Up to 32 NX I/O Units connectable	Built-in I/O: 40 points max. Up to eight NX I/O Units connectable		
	Number of m	notion axes	128, 256	16, 32, 64	0, 2, 4, 8 *1	0, 2, 4 *1		
	EtherCAT sla	laves	512	256	64	16		
	Number of c	controlled robots						
	Number of c	controlled OMRON robots						
Fun	Database co	onnection	Provided (NX701-1 20)	Provided	Provided (NX102-020)			
Functions	SECS/GEM	communications functions						
suc	Numerical C	Control (NC) functions						
	ternal memory	·	Memory Cards					
CJ	Special I/O Ur	nits and CPU Bus Units						

*1. Motion control axes and 4 single-axis position control axes.
*2. The number of robots that can be controlled depends on the number of axes used in the system.
*3. The number of controlled axes of the MC Control Function Module is included.
*4. For the details of mountable Units, refer to the user's manuals.

				NJ Series				
	I	NJ501 CPU Units				NJ301 CPU Units	NJ101 C	PU Units
NJ501-1	NJ501-R	NJ501-4	NJ501-1[20	NJ501-1340	NJ501-5300	NJ301-1	NJ101-000	NJ101-020
Ideal for large-scale, fast, and highly-accurate control with up to 64 axes						Ideal for small-scale control with up to eight axes	Ideal for simple machines	
Sysmac Studio	Sysmac Studio					Sysmac Studio	Sysmac Studio	
1.1 ns (1.7 ns or	less)					1.6 ns (2.5 ns or less)	3.0 ns (4.5 ns or less)	
24 ns or more						35 ns or more	63 ns or more	
20 MB						5 MB	3 MB	
	during power interruption					0.5 MB: Retained during power interruptions 2 MB: Not retained during power interruptions		
2,560 points/40 (3 Expansion Ra						2,560 points/40 Units (3 Expansion Racks)	· · ·	
16, 32, 64				16	16 *3	4, 8	0, 2	
192						192	64	
	8 robots max. *2	8 robots max. *2						
	8 robots max.							
	Provided (NJ501-R 20)	Provided (NJ501-4320)	Provided					Provided
				Provided				
	Provided							
Memory Cards								
Mountable *4								

Product name	Indust	rial PC	IPC Machir	ne Controller
Гуре	Industrial Box PC	Industrial Panel PC	Industrial Box PC	Industrial Panel PC
/lodel	NYB	NYP	NY51 -1	NY53□-1
Appearance				
eatures	Compact design that offers flexibility, expandability and easy maintenance for applications in factory automation environments	Combines the functionality of the Industrial Box PC and Industrial Monitor	Two operating systems: Wi	ndows and Real-Time OS
Operating system	No operating system Windows 10 IoT Enterprise 2016 LTSB - 64 bit Windows 10 IoT Enterprise 2019 LTSC - 64 bit Windows 10 IoT Enterprise 2021 LTSC - 64 bit		Windows 10 IoT Enterpr	ise 2019 LTSC - 64 bit
unction module			Machine Automation Cont	rol Software
Number of axes			16, 32, 64	
CPU type	Intel [®] Xeon [®] W-11865MRE 11th generation CPU with Fan Unit for active cooling Intel [®] Core [™] i7-1185GRE 11th generation CPU with Fan Unit for active cooling Intel [®] Core [™] i5-1145GRE 11th generation CPU with fanless cooling Intel [®] Core [™] i5-1145GRE 11th generation CPU with fanless cooling Intel [®] Xeon [®] E3-1515M v5 Processor 6th generation CPU with Fan Unit for active cooling Intel [®] Xeon [®] E3-1515M v5 Processor 7th generation CPU with Fan Unit for active cooling Intel [®] Core [™] i7-7820EQ Processor 7th generation CPU with fanless cooling Intel [®] Core [™] i5-300U Processor 7th generation CPU with fanless cooling Intel [®] Celeron [®] 3965U Processor 7th generation CPU with fanless cooling Intel [®] Catm [®] Apollo Lake x5-E3940 Processor with fanless cooling	Intel [®] Core [™] i5-1145GRE 11th generation CPU with fanless cooling Intel [®] Core [™] i3-1115GRE 11th generation CPU with fanless cooling Intel [®] Core [™] i7-7820EQ Processor 7th generation CPU with Fan Unit for active cooling Intel [®] Core [™] i5-7300U Processor 7th generation CPU with fanless cooling Intel [®] Celeron [®] 3965U Processor 7th generation CPU with fanless cooling Intel [®] Celeron [®] 3965U Processor 7th generation CPU with fanless cooling Intel [®] Atom [®] Apollo Lake x5-E3940 Processor with fanless cooling	with Fan Unit for active cool	ocessor 4th generation CPL
RAM memory	8 GB, 16 GB, 32 GB, 64 GB, 96 GB (ECC supported) *1 2 GB, 4 GB, 8 GB, 16 GB, 32 GB, 64 GB, 96 GB (non ECC)	2 GB, 4 GB, 8 GB, 16 GB, 32 GB, 64 GB (non ECC)	8 GB, 32 GB (non-ECC 1	type)
Storage	HDD, SSD, CFast, SD memory card *2		HDD, SSD, SD memory	card
Display size		12.1 inches, 15.4 inches, 18.5 inches		12.1 inches, 15.4 inche
Built-in ports	Ethernet, USB 2.0/3.0/3.1 Gen1, DVI, DisplayPort+-	+ *2	Ethernet, EtherNet/IP, Eth	nerCAT, USB 2.0/3.0, DVI
nterface option	RS-232C, DVI-D, NY Monitor Link, GigE LAN, DisplayPort++ *2	RS-232C, DVI-D, NY Monitor Link, DisplayPort++ *2	RS-232C, DVI-D, NY Mc	pnitor Link
Expansion slots	1 PCIe slot	·	1 PCIe slot	
RAID	Hardware-RAID (RAID1)			

Industrial PC Platform

Note. Not all combination are possible, please visit the product selector on the global website to make your selection. *1. Only for models with Intel® Xeon® Processor. *2. 11th generation CPU: Equipped with DisplayPort (Dual mode: DP++) instead of DVI, but no SD Memory Card slot. *3. Not recommended for new projects.

Product name		Industrial Monitor			
Model	NYM12	NYM15	NYM19		
Appearance					
Description	Display and touch interface for the Industrial PC Platform				
Display device	TFT LCD				
Screen size	12.1 inches	15.4 inches	18.5 inches *		
Resolution	Up to 1,280 x 800 pixels at 60 Hz	<u>Z</u>	Up to 1,920 x 1,080 pixels at 60 Hz		
Colors	16,770,000 colors				
Connectors	1 Power Connector, 1 DVI-D Connector, 2 USB Type-A Connector, 1 USB Type-B Connector				
Built-in options	NY Monitor Link				
Allowable power supply voltage range	19.2 to 28.8 VDC				

* 18.5 also available with Nickel Plated front.

CK3M series					
Series	CK3M/CK	CK3M/CK5M Series			
Model	CK3M	CK5M			
Appearance					
Features	Controls analog servo drives at high speeds of up to 50 µs/5 axes, enabling high-precision processing	Controls analog servo drives at high speeds of up to 25 µs/5 axes, enabling high-precision processing			
Support software	Power PMAC IDE	Power PMAC IDE			
Memory	RAM: 1 GB, Built-In flash memory: 1 GB	RAM: 2 GB, Built-In flash memory: 4 GB			
Built-in ports	Ethernet, EtherCAT, USB	Ethernet, EtherCAT			
Number of motion axes	24 (4 axes/axial interface unit x 4 units: 16, EtherCAT: 8)	64 (4 axes/axial interface unit x 8 units: 32, EtherCAT: 32)			
Number of EtherCAT slaves	32	64			

CK3E series	CK3E Series
Model	CK3E
Appearance	
Features	You can build a system capable of controlling up to 32 axes of motion and incorporate customized control algorithms into the system.
Support software	Power PMAC IDE
Memory	DDR3 memory: 1GB, Flash memory: 1GB
Built-in ports	Ethernet, EtherCAT
Number of motion axes	8, 16 or 32
Number of EtherCAT slaves	32

CS/CI series

Series		CJ	Series	CS Series		
Model		CJ2H	CJ2M	CS1H/G	CS1D	
Appearance						
CPU Unit features *1		A large data memory capacity, multi-func- tion Ethernet port, tag access function- ality, and a USB port. Ideal for high-speed, high-precision machines	Based on the long track record of the CJ1M and adds greater cost perfor- mance and flexibility. Ideal for gener- al-purpose machine control	From machine control to informa- tion management multiple-appli- cation Controllers with a wide range of functions	Redundant CPU Units, Power Supply Units, Communications Units, and Expansion I/O Cables	
		High-speed I/O Units, synchronized control, USB port, built-in Ether- Net/IP port, data structures and arrays, Function Blocks (Ladder di- agrams/Structured Text)	High-speed I/O Units, USB port, built-in EtherNet/IP port, data struc- tures and arrays, FB Program Area, Function Blocks (Ladder diagrams/- Structured Text), Serial Communica- tions Option Boards	Up to 5,120 points of I/O, Inner Board capability, Function Blocks (Ladder dia- grams/Structured Text)	Up to 5,120 points of I/O, redun- dant CPU Units and Power Supply Units, Inner Board capa- bility	
Support	software	CX-One	CX-One	CX-One	CX-One	
	on execution times nstructions)	0.016 µs	0.04 μs	CS1G: 0.04 μs CS1H: 0.02 μs	0.02 µs	
Max. no	. of I/O points	2,560	2,560	960 to 5,120	960 to 5,120	
Progran	n capacity	50K to 400K steps	5K to 60K steps	10K to 250K steps	10K to 400K steps	
Data me	emory capacity	160K to 832K words	64K to 160K words	64K to 448K words (EM Area: 1 to 13 banks)	64K to 832K words (EM Area: 1 to 25 banks)	
	Built-in I/O		32 points *2			
Built-in	Interrupt inputs		8 inputs *2			
features	High-speed counter		4 inputs *2			
	Pulse outputs *1		4 outputs *2			
Externa	al memory	Memory Cards	Memory Cards	Memory Cards	Memory Cards	
	cial I/O Units 7U Bus Units	Mountable	Mountable	Mountable (units for CS series)	Mountable (units for CS series)	

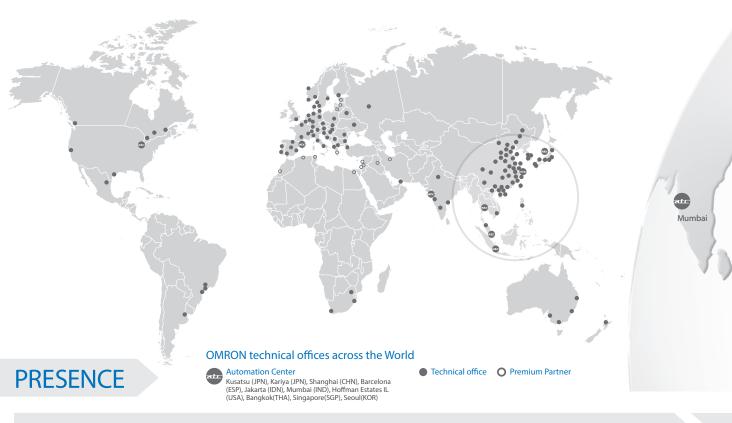
*1. These features are not supported by all of the CPU Unit models in the relevant series. Refer to specific product catalogs for details. *2. Applicable when a Pulse I/O Block is mounted.

		_					
	\cap	D					
_		P	0	0	10.1	0	0

Series			CP Series					
Model		CP1H	CP1L	CP2E				
Appearance								
CPU Unit features *		Four axis position control and compre- hensive model	High performing model with embedded Ethernet for two axis position control	A network model equipped with an Eth- ernet port and an essential model for basic control are available.				
		Pulse outputs for up to 4 axes, CP1W Ex- pansion Units can be mounted, easy Mod- bus-RTU, Serial Communications Option Boards, Ethernet Option Board, CJ-series Special I/O Units and CPU Bus Units can be mounted, Function Blocks (Ladder dia- grams/Structured Text), LCD Option Board, analog adjuster, seven-segment LED display (2 digits)	Pulse outputs for up to 2 axes, models with USB port, models with Ethernet com- munications port, CP1W Expansion Units can be mounted, easy Modbus-RTU, Serial Communications Option Boards, Ethernet Option Board, Function Blocks (Ladder diagrams/Structured Text), LCD Option Board, analog adjuster, Analog I/O Option Boards	Pulse outputs for up to 4 axes, models with 2 Ethernet ports, models with RS-232C ports, CP1W Expansion Units can be mounted, easy Modbus-RTU, Function Blocks (Ladder diagrams/Struc- tured Text), Analog I/O Option Boards				
Support	software	CX-One	CX-One	CX-One				
	on execution times nstructions)	0.10 μs	0.55 μs	0.23 μs				
Max. no	. of I/O points	320 points (40 built in + 280 expansion)	180 points (60 built in + 120 expansion)	180 points (60 built in + 120 expansion)				
Program	n capacity	20K steps	5K or 10K steps	4K to 10K steps				
Data me	emory capacity	32K words	10K or 32K words	4K to 16K words				
	Built-in I/O	20 or 40 points	10 to 60 points	14 to 60 points				
Built-in	Interrupt inputs	6 or 8 inputs	2, 4 or 6 inputs	6 or 8 inputs				
features	High-speed counter	4 inputs	4 inputs	2 inputs				
	Pulse outputs *	4 outputs	2 outputs	2 or 4 outputs				
Externa	l memory	Memory Cassettes	Memory Cassettes					
	cial I/O Units U Bus Units	Mountable						

* These features are not supported by all of the CPU Unit models in the relevant series. Refer to specific product catalogs for details.

Service and support



COMPETENCE

OMRON



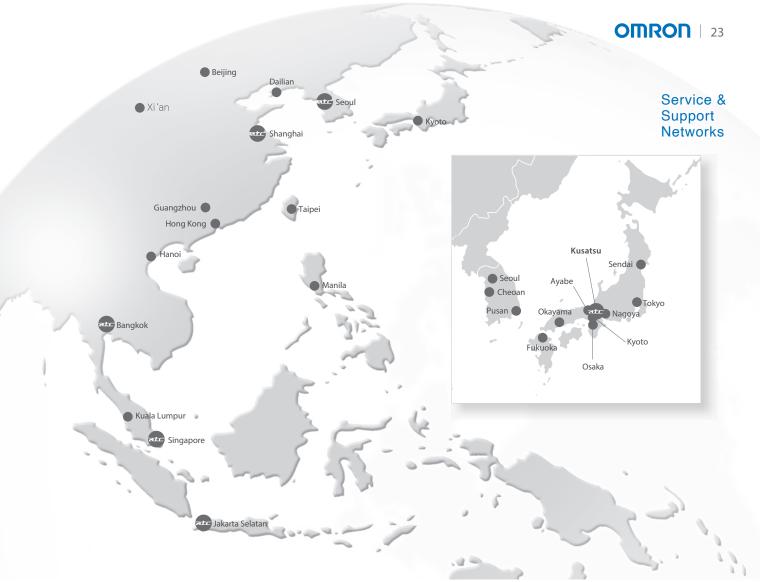
Design

Our wi de net work of machine automation specialists will help you to select the right automation architecture and products to meet your requirements. Our flat structure based on expert-to-expert contact ensures that you will have ONE accountable and responsible expert to deal with on your complete project.



Proof of concept

As your project matures make use of our Automation centers to test and catch-up with technology trends in motion, robotics, networking, safety, quality control etc. and to interface, test and validate your complete system with our new machine network (EtherCAT) and factory network (EtherNet/IP). We will assign a dedicated application engineer to assist with initial programming and proof testing of the critical aspects of your automation system. Our application engineers have indepth expertise in and knowledge of networks, PLCs, motion, safety and HMIs when applied to machine automation.



For the most recent information, refer to your OMRON website.

CONFIDENCE



Development

During your prototyping phase you will need flexibility in technical support, product supply and exchange. We will assign an inside sales contact to help you source the correct products fast during your prototyping phase.



Commissioning

With our world-wide network for service and support the export of your product is made simple, we will support you on-site with your customer, anywhere in the world. We can arrange a liaison sales engineer to facilitate training, spare parts supply or even machine commissioning. All this in a localised language with localised documentation - giving you complete peace of mind.

ASSURANCE



Serial production

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OMRON Corporation Industrial Automation Company Kyoto, JAPAN Contact : www.ia.omron.com

Regional Headquarters

OMRON EUROPE B.V. Wegalaan 67-69, 2132 JD Hoofddorp The Netherlands Tel: (31) 2356-81-300 Fax: (31) 2356-81-388

OMRON ASIA PACIFIC PTE. LTD. 438B Alexandra Road, #08-01/02 Alexandra Technopark, Singapore 119968 Tel: (65) 6835-3011 Fax: (65) 6835-3011 **OMRON ELECTRONICS LLC** 2895 Greenspoint Parkway, Suite 200 Hoffman Estates, IL 60169 U.S.A. Tel: (1) 847-843-7900 Fax: (1) 847-843-7787

OMRON (CHINA) CO., LTD. Room 2211, Bank of China Tower, 200 Yin Cheng Zhong Road, PuDong New Area, Shanghai, 200120, China Tel: (86) 21-6023-0333 Fax: (86) 21-5037-2388

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