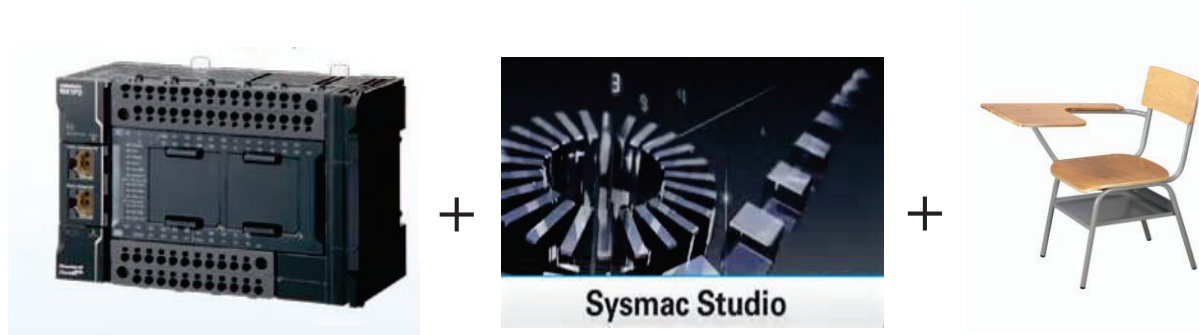


## NX1P Promotion



This promotional package includes one NX1P CPU with 40 built in I/O points with either NPN or PNP outputs, one Sysmac Studio Lite Edition for 1 user, and 3 hours of start-up training at one of our event locations.



**PROMOTIONAL PACKAGE OPTIONS INCLUDE:**

PROMO0100	NX1P21040DT (NPN)	SYSMACLE201L	3 HOURS TRAINING
PROMO0101	NX1P21040DT1 (PNP)	SYSMACLE201L	3 HOURS TRAINING

We are also offering a one-time upgrade to the full version of SYSMAC STUDIO for \$565.00. If interested, please also order part number SYSMACLU501L. Software upgrade promotion ends June 30th.

**SELECT ONE OF THE FOLLOWING DATES:**

TRAINING DATE	EVENT LOCATION	START/END TIME	REGISTRATION DEADLINE
24 FEBRUARY	LAKWOOD AUTOMATION	9 AM-12 PM	17 FEBRUARY
10 MARCH	LAKWOOD AUTOMATION	9 AM-12 PM	03 MARCH
24 MARCH	TOLEDO	10 AM-1 PM	17 MARCH
26 APRIL	LAKWOOD AUTOMATION	9 AM-12 PM	19 APRIL

The afternoon will be open for additional questions and application discussions.

Limited to one promotional package per company location.  
Each company can have as many attendees as desired.

## EtherNet/IP™

Open Industrial Ethernet network

- Interface with HMI
- Peer-to-Peer controller communication
- Interface with Sysmac Studio
- Information network (host application)



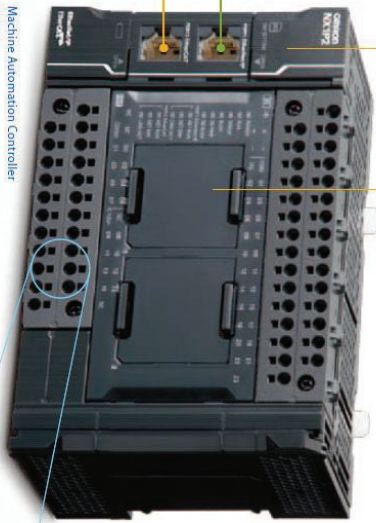
**SD memory card**  
 • Back up, restore, and verify data in the controller



**Option board**  
 Add serial communications or analog control without increasing the size  
 • RS-232, RS-422A/485 (Module: RTU-32 nodes max)  
 • Analog I/O

## EtherCAT™

The fast machine network for a wide range of field and motion devices.



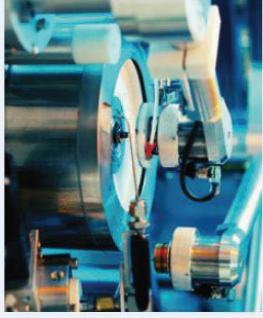
Machine Automation Controller  
**NX1P**



**Battery-free NX1P and 1S**  
 The NX1P requires no battery to retain user program, set values, and variables during power interruption in the built-in memory. The 1S AC Servo System comes with a battery-free absolute encoder. They reduce machine maintenance.

## Advanced motion control increases machine speed and precision

The NX1P provides advanced motion control previously done by a dedicated controller or special unit. Continuous operation by use of electronic cams improves productivity and meets diverse production needs.



Build a cost saving weighing/measurement system by using load cells

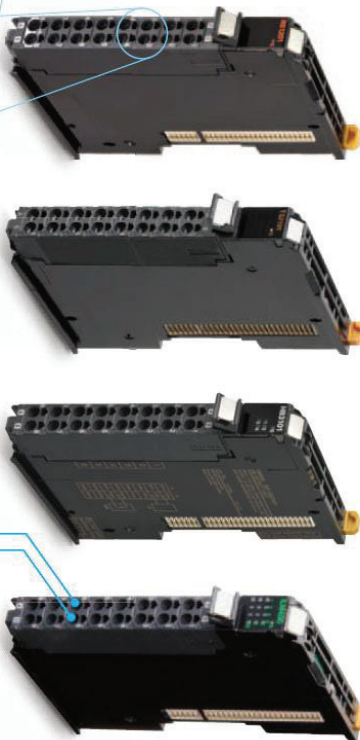
**NX-RS**  
 Load Cell Input Unit

The controller makes temperature control easy. Build a temperature control system with heater burnout detection

**NX-TS**  
 Temperature Input Unit

**NX-HB**  
 Heater Burnout Detection Unit

**NX-ILM400**  
 IO-Link Master Unit



**Time saving wiring by Push-In Plus terminals**  
 Corresponding to our shared Value Design for Panel concept for the specifications of products.

## Start small-scale onsite IoT with IO-Link

Predictive maintenance minimizes downtime. Omron recommends to start from the point in your machine where failure often occurs.



**IO-Link**  
 IO-Link collects information held by sensors and actuators through the IO-Link master and via a fieldbus network into the host controller. It enables communication within the whole system and reduces time required for commissioning and maintenance.

