

# Jump-start your move into factory automation and IIoT with Sysmac starter kits

It's never been easier to take advantage of the powerful Sysmac platform for your machine control or data collection projects. Our Sysmac Starter Kits give you everything you need to design a complete project in which the core automation components work together seamlessly, minimizing integration time and setting a solid control foundation for future expansion and increased performance.

We have a wide selection of kits to give you maximum flexibility with your choice of controller. These kits come with a single-license configuration software (downloadable), and a selection of NJ or NX series controllers paired with the NA5 series HMI. Additional hardware such as network couplers, power supplies and cables are bundled inside the kit depending on the selected controller. Choose your I/O separately from the wide range of NX I/O units available. All this at a great price!

## High-Performance Fully Integrated Control

The NJ/NX-Series includes capabilities for seamless integration of Logic, Motion, Vision, Safety, Networks, and Enterprise level control. Selectable models based on application requirements.



## Sysmac Studio for Machine Creators

The Sysmac Studio true integrated Development Environment (IDE), part of the Sysmac Studio Software Suite, provides a single operating environment to setup, program, debug and maintain an entire Sysmac NJ/NX-Series machine solution.

One software for configuration, logic, motion, vision, safety, drives, networks, I/Os and enterprise.



## Wide Screen High Resolution Displays Impart High Value onto Any Machine

The NA series of advanced wide screen Human Machine interfaces (HMI) offers one of the highest resolution wide-screen displays in the industry. With features that allow designers to add functionality beyond what typical HMI devices had been able to offer, such as custom or machine specific capabilities, the NA series is the ideal machine automation HMI.



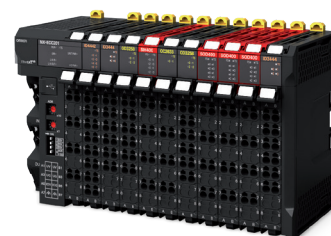
### NA HMI Part Numbers

NA5-7W001B - 7 inch  
NA5-9W001B - 9 inch  
NA5-12W101B - 12 inch  
NA5-15W101B - 15 inch

## Speed and Accuracy for Machine Performance

The NX I/O system offers a wide variety of I/O devices. Its ultra fast internal bus system is synchronized with the Distributed Clock of the EtherCAT network. The resulting system-wide deterministic I/O operation allows machine builders to improve machine production rates and output quality.

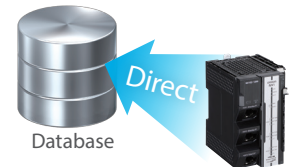
NX-series I/O covers a full range of units, including standard and high-speed digital I/O's, various performance levels in analog I/O, encoder inputs and pulse outputs



## Order your kit today from the selection below to get started

### NX Controller Starter Kits

Starter Kit Part Number	Description
SSK-□X1900 (□ - 7 9 12 15)	NX102-9000 OPC-UA controller + choice of 7"/9"/12"/15" NA HMI
SSK-□X1100	NX102-1000 OPC-UA controller + choice of 7"/9"/12"/15" NA HMI
SSK-□X1110	NX102-1100 OPC-UA controller + choice of 7"/9"/12"/15" NA HMI
SSK-□X1120	NX102-1200 OPC-UA controller + choice of 7"/9"/12"/15" NA HMI
SSK-□X1902	NX102-9020 OPC-UA/SQL controller + choice of 7"/9"/12"/15" NA HMI
SSK-□X1102	NX102-1020 OPC-UA/SQL controller + choice of 7"/9"/12"/15" NA HMI
SSK-□X1112	NX102-1120 OPC-UA/SQL controller + choice of 7"/9"/12"/15" NA HMI
SSK-□X1122	NX102-1220 OPC-UA/SQL controller + choice of 7"/9"/12"/15" NA HMI
Example : SSK-7X1900 includes NX102-9000 OPC-UA controller & 7" NA5-7W001B HMI	



### NJ Controller Starter Kits

Starter Kit Part Number	Description
SSK-□190 (□ - 7 9 12 15)	NJ101-9000 controller + choice of 7"/9"/12"/15" NA HMI
SSK-□110	NJ101-1000 controller + choice of 7"/9"/12"/15" NA HMI
SSK-□311	NJ301-1100 controller + choice of 7"/9"/12"/15" NA HMI
SSK-□312	NJ301-1200 controller + choice of 7"/9"/12"/15" NA HMI
SSK-□513	NJ501-1300 controller + choice of 7"/9"/12"/15" NA HMI
SSK-□1902	NJ101-9020 SQL controller + choice of 7"/9"/12"/15" NA HMI
SSK-□1102	NJ101-1020 SQL controller + choice of 7"/9"/12"/15" NA HMI
SSK-□5132	NJ501-1320 SQL controller + choice of 7"/9"/12"/15" NA HMI
Example : SSK-7190 includes NJ101-9000 controller & 7" NA5-7W001B HMI	

Add a database connection CPU unit to collect data from existing PLCs of machines, which brings IoT to the system. With two built-in EtherNet/IP™ ports, Modbus/TCP connectivity, and Function Blocks for SLMP communications in Sysmac Library, the NX102 can be easily connected to other vendors' PLCs.

## All of the starter kits also include complete product documentation and the following accessories depending on selected kit

Part Number	Description	Quantity	Starter Kit Package
NJ-PA3001	NJ Power Supply	1	NJ Controller Starter Kits
NX-ECC202	EtherCAT I/O Master	1	NJ Controller Starter Kits
SYSMAC-SE201L	Sysmac Studio Standard (downloadable)	Single License	NJ Controller Starter Kits
XSSW-T421-EMD-K	EtherCAT I/O Cable	1	NJ Controller Starter Kits
SYSMAC-LE201L	Sysmac Studio Lite (downloadable)	Single License	NX Controller Starter Kits
S8VK-G06024	Power Supply 60W	1	NJ & NX Controller Starter Kits
XS6W-6LZH8SS100CM-Y	Ethernet Cable 1 Meter	2	NJ & NX Controller Starter Kits

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