

Start Your Project Right with Sysmac Starter Kits – Now with Structured Query Language (SQL)



Selecting the Sysmac Solution with SQL functionality is easier than ever. Now you can get starter kits that include the brand new NJ1 controllers with SQL capability. With these Sysmac Starter Kits, you get everything you need to put your data intensive projects on a fast track, where the core automation components are designed to work together, minimizing integration time and setting a control foundation for future expansion and increased performance.

These Starter Kits come with the single license Sysmac Studio configuration software, an NJ1 SQL controller paired with the NA series HMI, an EtherCat NX I/O module which allows a wide range of I/O to be selected separately, power supplies and communication cables. All at a great price!

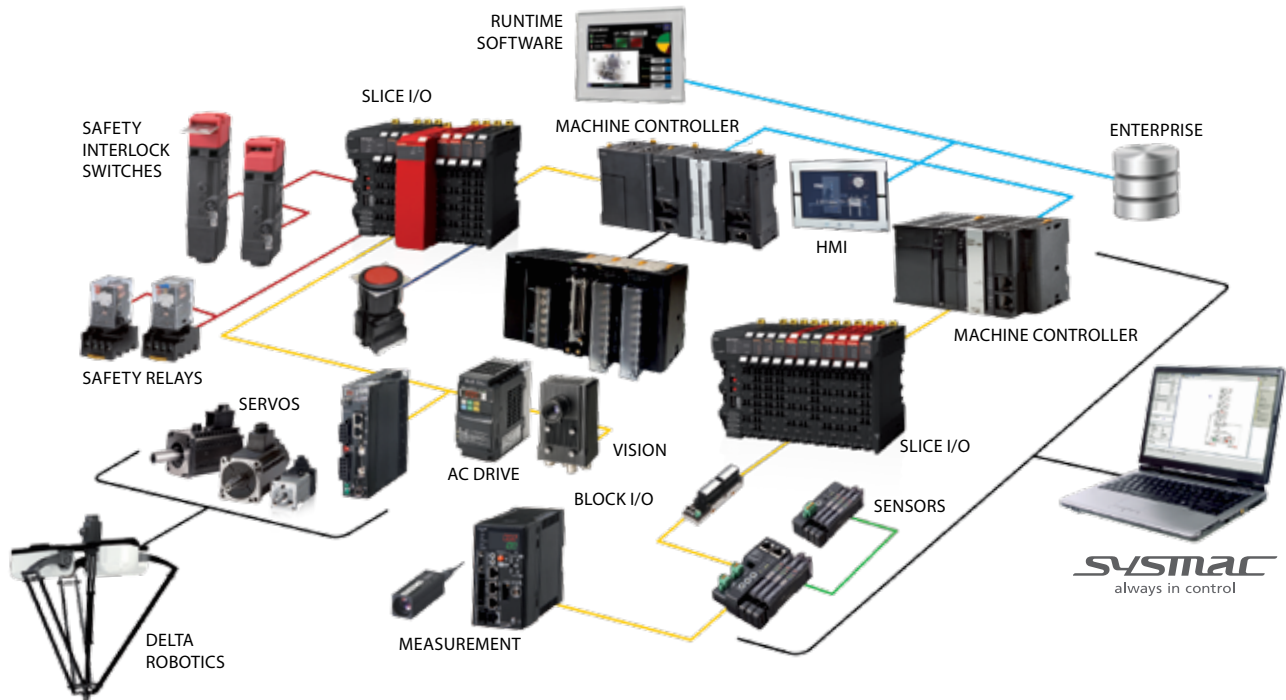
Starter Kit Part Number	Description	NJ Controller and NA HMI*
SSK-71102	NJ1 SQL controller and 7" NA-HMI	NJ101-1020, NA5-7W001B
SSK-91102	NJ1 SQL controller and 9" NA-HMI	NJ101-1020, NA5-9W001B
SSK-121102	NJ1 SQL controller and 12" NA-HMI	NJ101-1020, NA5-12W001B
SSK-151102	NJ1 SQL controller and 15" NA-HMI	NJ101-1020, NA5-15W001B
SSK-71902	NJ1 SQL controller and 7" NA-HMI	NJ101-9020, NA5-7W001B
SSK-91902	NJ1 SQL controller and 9" NA-HMI	NJ101-9020, NA5-9W001B
SSK-121902	NJ1 SQL controller and 12" NA-HMI	NJ101-9020, NA5-12W001B
SSK-151902	NJ1 SQL controller and 15" NA-HMI	NJ101-9020, NA5-15W001B

*"W" in the NA-HMI part number can be replaced with "U" for non NEMA4X

All of the starter kits also include product documentation and the following:

Part Number	Description	Quantity
NJ-PA3001	NJ Power Supply	1
NX-ECC202	EtherCAT I/O Master	1
SYSMAC-SE201L	Sysmac Studio (downloadable)	Single License
XS5W-T421-EMD-K	EtherCAT I/O Cable	1
S8VK-G06024	NA Power Supply	1
XS6W-6LZH8SS100CM-Y	Ethernet Cable 1 Meter	2

Sysmac NJ Integrated Solutions



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.



High-Performance Fully Integrated Control

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

Highest speed processor from Omron.



SYSMAC
always in control



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.



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.

