

Jumpstart Your Move into IIoT with NX102/NA5 Starter Kits



Selecting the Sysmac Solution for your data collection/ analytics project couldn't be easier. With the Sysmac Starter kits, you get everything you need to design an IIoT project where the core automation components are designed to work together, minimizing integration time and setting a solid control foundation for future expansion and increased performance. The Starter kits come with the single license Sysmac Studio Lite configuration software, a selection of NX102 OPU-UA or SQL capable controllers paired with the NA5 series HMI, power supply and cable. Select your I/O separately from the wide range of NX I/O available.

All this at a great price!

Starter Kit Part Number	Description	NJ Controller and NA5 HMI
SSK-7X1900	NX102 OPC-UA controller and 7"HMI	NX102-9000, NA5-7W001B
SSK-9X1900	NX102 OPC-UA controller and 9"HMI	NX102-9000, NA5-9W001B
SSK-12X1900	NX102 OPC-UA controller and 12"HMI	NX102-9000, NA5-12W101B
SSK-15X1900	NX102 OPC-UA controller and 15"HMI	NX102-9000, NA5-15W101B
SSK-7X1100	NX102 OPC-UA controller and 7"HMI	NX102-1000, NA5-7W001B
SSK-9X1100	NX102 OPC-UA controller and 9"HMI	NX102-1000, NA5-9W001B
SSK-12X1100	NX102 OPC-UA controller and 12"HMI	NX102-1000, NA5-12W101B
SSK-15X1100	NX102 OPC-UA controller and 15"HMI	NX102-1000, NA5-15W101B
SSK-7X1110	NX102 OPC-UA controller and 7"HMI	NX102-1100, NA5-7W001B
SSK-9X1110	NX102 OPC-UA controller and 9"HMI	NX102-1100, NA5-9W001B
SSK-12X1110	NX102 OPC-UA controller and 12"HMI	NX102-1100, NA5-12W101B
SSK-15X1110	NX102 OPC-UA controller and 15"HMI	NX102-1100, NA5-15W101B
SSK-7X1120	NX102 OPC-UA controller and 7"HMI	NX102-1200, NA5-7W001B
SSK-9X1120	NX102 OPC-UA controller and 9"HMI	NX102-1200, NA5-9W001B
SSK-12X1120	NX102 OPC-UA controller and 12"HMI	NX102-1200, NA5-12W101B
SSK-15X1120	NX102 OPC-UA controller and 15"HMI	NX102-1200, NA5-15W101B
SSK-7X1902	NX102 OPC-UA/SQL controller and 7"HMI	NX102-9020, NA5-7W001B
SSK-9X1902	NX102 OPC-UA/SQL controller and 9"HMI	NX102-9020, NA5-9W001B
SSK-12X1902	NX102 OPC-UA/SQL controller and 12"HMI	NX102-9020, NA5-12W101B
SSK-15X1902	NX102 OPC-UA/SQL controller and 15"HMI	NX102-9020, NA5-15W101B
SSK-7X1102	NX102 OPC-UA/SQL controller and 7"HMI	NX102-1020, NA5-7W001B
SSK-9X1102	NX102 OPC-UA/SQL controller and 9"HMI	NX102-1020, NA5-9W001B
SSK-12X1102	NX102 OPC-UA/SQL controller and 12"HMI	NX102-1020, NA5-12W101B
SSK-15X1102	NX102 OPC-UA/SQL controller and 15"HMI	NX102-1020, NA5-15W101B
SSK-7X1112	NX102 OPC-UA/SQL controller and 7"HMI	NX102-1120, NA5-7W001B
SSK-9X1112	NX102 OPC-UA/SQL controller and 9"HMI	NX102-1120, NA5-9W001B
SSK-12X1112	NX102 OPC-UA/SQL controller and 12"HMI	NX102-1120, NA5-12W101B
SSK-15X1112	NX102 OPC-UA/SQL controller and 15"HMI	NX102-1120, NA5-15W101B
SSK-7X1122	NX102 OPC-UA/SQL controller and 7"HMI	NX102-1220, NA5-7W001B
SSK-9X1122	NX102 OPC-UA/SQL controller and 9"HMI	NX102-1220, NA5-9W001B
SSK-12X1122	NX102 OPC-UA/SQL controller and 12"HMI	NX102-1220, NA5-12W101B
SSK-15X1122	NX102 OPC-UA/SQL controller and 15"HMI	NX102-1220, NA5-15W101B

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

Part Number	Description	Quantity
SYSMAC-LE201L	Sysmac Studio Lite (downloadable)	Single License
S8VK-G06024	Power Supply 60W	1
XS6W-6LZH85S100CM-Y	Ethernet Cable 1 Meter	2

Target Markets

Equipment Builders	Panel Builders	Food & Beverage
Packaging	Industrial Ovens	Semiconductor
Petro/Chemical	Automotive	Material Handling Equipment

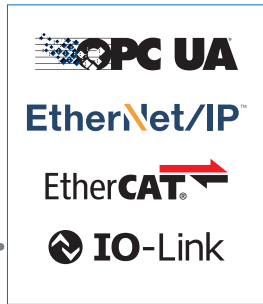
OMRON

INFORMATION

Secure direct connection to database



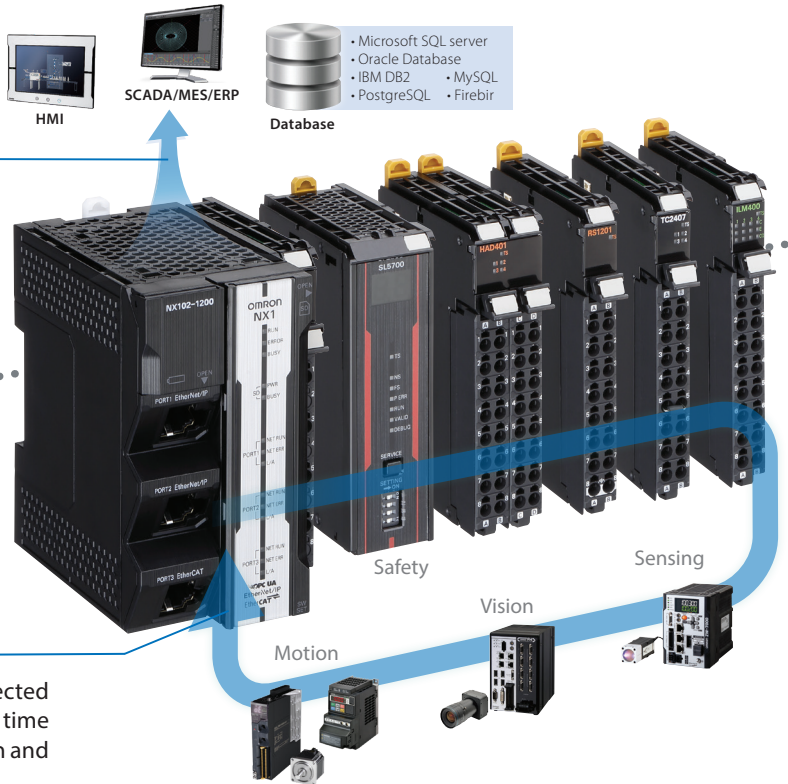
Networks



PRODUCTION LINE

High-speed, high precision control: Synchronized within same cycle

The NX1 provides synchronized control of the NX bus connected I/O and motion control network within same system cycle time and jitter below 1 μ s. This enables real-time data collection and analysis as well as high-speed, high-precision control.



Wide Screen High Resolution Displays Impart High Value onto Any Machine

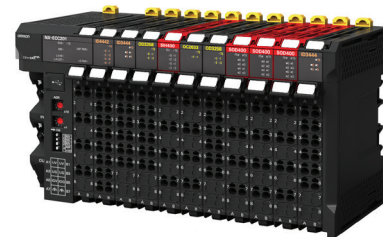
The NA series of advanced wide screen Human Machine Interfaces (HMI) offers one of the highest resolution wide screen displays in the industry. With features that allow designers to add functionality beyond what typical HMI devices had been able to offer, such as custom or machine specific capabilities,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



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.



Sysmac Studio Lite 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 the Sysmac NJ1/NX1 controllers, NA5 HMI and NXO.

- One software for configuration, logic, motion, vision, safety, drives, networks, I/Os and enterprise.
- True tag-based environment supporting Ladder, ST, safety FBD, and user-made Libraries following IEC 61131-3 and PLC open standards.
- Integrated 3D motion simulation tool and graphical CAM editor.
- FREE Online AutoUpdates

