

Maximize Production & Minimize Development Time with Sysmac Starter Kits



Mechatronic Solutions has partnered with Omron to offer Sysmac Starter Kits.

We recognize each application is unique, so we have created a user-selectable starter kit configurator to utilize the power of Omron's Sysmac platform. This configurator provides access to Omron NX-Series Controllers, I/O, NA-Series HMI's, Power Supplies, Software & Networking. All at a great price!

Contact your local Mechatronic Solutions' sales engineer and take advantage of this exclusive offer!

What's Included? Choose what's needed from the following options:

1. NX-Series Sysmac Controller:

NX1P2-Series



Controller Model	Description
NX1P2-9024DT1	NX1P CPU; 4Pt-to-Pt Axes; 14 Inputs; 10 PNP Outputs; 1 Ethernet/IP; 1 EtherCat
NX1P2-9024DT	NX1P CPU; 4Pt-to-Pt Axes; 14 Inputs; 10 NPN Outputs; 1 Ethernet/IP; 1 EtherCat
NX1P2-1040DT1	NX1P CPU; 2 Motion Axes; 4Pt-to-Pt Axes; 24 Inputs; 16 PNP Outputs; 1 Ethernet/IP; 1 EtherCat
NX1P2-1040DT	NX1P CPU; 2 Motion Axes; 4Pt-to-Pt Axes; 24 Inputs; 16 NPN Outputs; 1 Ethernet/IP; 1 EtherCat
NX1P2-1140DT1	NX1P CPU; 4 Motion Axes; 4Pt-to-Pt Axes; 24 Inputs; 16 PNP Outputs; 1 Ethernet/IP; 1 EtherCat
NX1P2-1140DT	NX1P CPU; 4 Motion Axes; 4Pt-to-Pt Axes; 24 Inputs; 16 NPN Outputs; 1 Ethernet/IP; 1 EtherCat



NX102-Series



Controller Model	Description
NX102-9000	NX102 CPU; 4Pt-to-Pt Axes; 2 Ethernet/IP; 1 EtherCat
NX102-9020	NX102 CPU; 4Pt-to-Pt Axes; 2 Ethernet/IP; 1 EtherCat; Database
NX102-1000	NX102 CPU; 2 Motion Axes; 4Pt-to-Pt Axes; 2 Ethernet/IP; 1 EtherCat
NX102-1020	NX102 CPU; 2 Motion Axes; 4Pt-to-Pt Axes; 2 Ethernet/IP; 1 EtherCat; Database
NX102-1100	NX102 CPU; 4 Motion Axes; 4Pt-to-Pt Axes; 2 Ethernet/IP; 1 EtherCat
NX102-1120	NX102 CPU; 4 Motion Axes; 4Pt-to-Pt Axes; 2 Ethernet/IP; 1 EtherCat; Database
NX102-1200	NX102 CPU; 8 Motion Axes; 4Pt-to-Pt Axes; 2 Ethernet/IP; 1 EtherCat
NX102-1220	NX102 CPU; 8 Motion Axes; 4Pt-to-Pt Axes; 2 Ethernet/IP; 1 EtherCat; Database

NX502-Series



Controller Model	Description
NX502-1300	NX502 CPU; 16 Motion Axes; 2 Ethernet/IP; 1 EtherCat; Database
NX502-1400	NX502 CPU; 32 Motion Axes; 2 Ethernet/IP; 1 EtherCat; Database
NX502-1500	NX502 CPU; 64 Motion Axes; 2 Ethernet/IP; 1 EtherCat; Database

2. Sysmac Studio Software Version:

Sysmac Studio



HMI Model	Description
SYSMAC-SE201L	Sysmac Studio – Full Version (Required for NX502)
SYSMAC-LE201L	Sysmac Studio – Lite Version (Limited to NX1P2, NX102, NJ101 Controllers)



3. NA-Series HMI:

NA-Series



HMI Model	Description
NA5-7W001B-V1	NA-V1 HMI; 7 Inch
NA5-9W001B-V1	NA-V1 HMI; 9 Inch
NA5-12W101B-V1	NA-V1 HMI; 12 Inch
NA5-15W101B-V1	NA-V1 HMI; 15 Inch

4. EtherCat Branching Unit:

GX-JC Branching Unit



GX-JC Model	Description
GX-JC03	EtherCat Branching Unit; 3 Ports
GX-JC06	EtherCat Branching Unit; 6 Ports

5. NX-Series I/O Selectable Options:

NX-Series I/O



NX I/O Options	Description
Option 1	EtherCat Coupler + 16pt PNP Input + 16pt PNP Output
Option 2	NX PowerFeed + 16pt PNP Input Only
Option 3	NX PowerFeed + 16pt PNP Output Only
Option 4	NX PowerFeed + 16pt PNP Input + 16pt PNP Output



6. NX-Series I/O Selectable Options:

S8VK-G Series



Power Supply Model	Description
S8VK-G06024	S8VK-G Series; 60W, 2.5A, 24VDC Output
S8VK-G12024	S8VK-G Series; 120W, 5A, 24VDC Output
S8VK-G24024	S8VK-G Series; 240W, 10A, 24VDC Output
S8VK-G48024	S8VK-G Series; 480W, 20A, 24VDC Output

S8VK-S Series



Power Supply Model	Description
S8VK-S03024	S8VK-S Series; 30W, 1.3A, 24VDC Output
S8VK-S06024	S8VK-S Series; 60W, 2.5A, 24VDC Output
S8VK-S12024	S8VK-S Series; 120W, 5A, 24VDC Output
S8VK-S24024	S8VK-S Series; 240W, 10A, 24VDC Output
S8VK-S48024	S8VK-S Series; 480W, 20A, 24VDC Output

S8VK-X Series



Power Supply Model	Description
S8VK-X09024A-EIP	S8VK-X Series; 90W, 3.75A, 24VDC Output; Indication Monitor; Ethernet/IP
S8VK-X12024A-EIP	S8VK-X Series; 120W, 5A, 24VDC Output; Indication Monitor; Ethernet/IP
S8VK-X24024A-EIP	S8VK-X Series; 240W, 10A, 24VDC Output; Indication Monitor; Ethernet/IP
S8VK-X48024A-EIP	S8VK-X Series; 480W, 20A, 24VDC Output; Indication Monitor; Ethernet/IP

7. Antaira Ethernet Switch Options:



Power Supply Model	Description
LNx-500A	5-Port Unmanaged Switch; 10/100TX
LNx-800A	8-Port Unmanaged Switch; 10/100TX
LMx-0800	8-Port Managed Switch; 10/100TX (IGMP Snooping)
LMx-0800G	8-Port Managed Switch; 10/100/1000TX (IGMP Snooping)

