

FA Integrated Tool Package CX-One

CX-One Ver.4

CSM_CX-One_DS_E_2_1

Greater Integration with the CX-One

- The CX-One is a comprehensive software package that integrates PLC Programming Software with Support Software for setting up Networks, Programmable Terminals, Servo Systems, Inverters, and Temperature Controllers.



Features

- Integrated Software Management for OMRON PLCs and Components
- CPU Bus Units and Special I/O Units can be set without concern for memory addresses and without relying on operation manuals
- Support Software for CPU Bus Units and Special I/O Units can be started from the I/O tables
- Integrated Simulation for Greater Design and Debugging Efficiency
- Online Web Services

Support Software

The following table lists the Support Software that can be installed from CX-One

Support Software in CX-One		Outline
CX-Programmer	Ver.9.0	Application software to create and debug programs for SYSMAC CS/CJ/CP/NSJ-series, C-series, and CVM1/C-series CPU Units. Data can be created and monitored for high-speed-type Position Control Units.
CX-Integrator	Ver.2.4	Application software to build and set up FA networks, such as Controller Link, DeviceNet, CompoNet, CompoWay, and Ethernet networks. The Routing Table Component and Data Link Component can be started from here. DeviceNet Configuration functionality is also included.
Switch Box Utility	Ver.1.6	Utility software that helps you to debug PLCs. It helps you to monitor the I/O status and to monitor/change present values within the PLC you specify.
CX-Protocol	Ver.1.9	Application software to create protocols (communications sequences) between SYSMAC CS/CJ/CP/NSJ-series or C200HX/HG/HE Serial Communications Boards/Units and general-purpose external devices.
CX-Simulator	Ver.1.9	Application software to simulate SYSMAC CS/CJ/CP/NSJ-series CPU Unit operation on the computer to debug PLC programs without a CPU Unit.
CX-Position	Ver.2.5	Application software to create and monitor data for SYSMAC CS/CJ-series Position Control Units (except for High-speed type).
CX-Motion-NCF	Ver.1.9	Application software to monitor and set parameters for SYSMAC CS/CJ-series Position Control Units and Servo Drivers that support MECHATROLINK-II communications.
CX-Motion-MCH	Ver.2.2	Application software to create data for SYSMAC CS/CJ-series MCH Units, create motion programs, and perform monitoring.
CX-Motion	Ver.2.3	Application software to create data for SYSMAC CS/CJ-series, C200HX/HG/HE, and CVM1/CV-series Motion Control Units, and to create and monitor motion control programs.
CX-Drive	Ver.1.9	Application software to set and control data for Inverters and Servos.
CX-Process Tool	Ver.5.2	Application software to create and debug function block programs for SYSMAC CS/CJ-series Loop Controllers (Loop Control Units/Boards, Process Control CPU Units, and Loop Control CPU Units).
Faceplate Auto-Builder for NS	Ver.3.1	Application software that automatically outputs screen data as project files for NS-series PTs from tag information in function block programs created with the CX-Process Tool.
CX-Designer	Ver.3.0	Application software to create screen data for NS-series PTs.
NV-Designer	Ver.1.1	Application software to create screen data for NV-series small PTs.
CX-Configurator FDT	Ver.1.2	Application software for setting various units by installing its DTM module.
CX-Thermo	Ver.4.2	Application software to set and control parameters in components such as Temperature Control Units.
CX-FLnet	Ver.1.0	Application software for system setting and monitoring of SYSMAC CS/CJ-series FI-net Units.
Network Configurator	Ver.3.1	Application software to setup and monitor tag data Link for CJ2 (Built-in EtherNet/IP) CPU Units and EtherNet/IP Units.
CX-Server	Ver.4.3	Middleware necessary for CX-One applications to communicate with OMRON components, such as PLCs, Display Devices, and Temperature Control Units.
PLC Tools (Installed automatically.)		A group of components used with CX-One applications, such as the CX-Programmer and CX-Integrator. Includes the following: I/O tables, PLC memory, PLC Setup, Data Tracing/Time Chart Monitoring, PLC Error Logs, File Memory, PLC clock, Routing Tables, and Data Link Tables.

Hard Disk Space Requirements

Support Software in CX-One	Approx. hard disk space required.	Remarks
CX-Programmer	Approx. 270 MB	Options can be selected or cleared to install or not install individual Support Software.
CX-Integrator	Approx. 260 MB	
CX-Position	Approx. 15 MB	
CX-Motion	Approx. 45 MB	
CX-Motion-NCF	Approx. 200 MB	
CX-Motion-MCH	Approx. 60 MB	
CX-Drive	Approx. 150 MB	
CX-Designer	Approx. 730 MB	
CX-Process Tool	Approx. 100 MB	
Faceplate Auto-Builder for NS	Approx. 70 MB	
CX-Protocol	Approx. 20 MB	
CX-Simulator	Approx. 60 MB	
CX-Thermo	Approx. 95 MB	
CX-FInet	Approx. 2 MB	
Switch Box	Approx. 5 MB	
NetworkConfigurator	Approx. 20 MB	
CX-Server and PLC Tools	Approx. 560 MB	

Note: 1. Approximately 560 MB of unused space is required in the system drive (e.g., the C drive).

2. If the complete CX-One package is installed, approximately 2.8 GB of hard disk space will be required (including workspace required for installation). Check available space on your hard disk before installing software.

Related Manuals

Cat. No.	Model	Manual name	Contents
W463	CXONE-AL□□C-V4/ AL□□D-V4	CX-One Setup Manual	Installation and overview of CX-One FA Integrated Tool Package.

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