YASKAWA

Product Launch

iCube Motion Control iC9200 with Safety Master iC9226M-FSoE

The iC9200 machine controllers are designed by Yaskawa specifically for demanding machine control applications, including multi-axis synchronized motion.

The controller is powered by the Triton processor, supports multiple modern field buses and provides a feature set that can be tailored to meet your specific requirements, including multi-axis synchronized motion with safety master over FSoE. This motion controller is programmable with IEC-61131 and high level programming languages like C++, C#, Python,...

iC9226M-FSoE

Network Master: EtherCAT (CoE, EoE, FoE)
EtherCAT Safety (FSoE)

Fieldbus Support: OPC UA Client, Server, Pub/Sub
EtherNet/IP Scanner and Adapter
PROFINET IO RT Controller
PROFINET I-Device
Modbus TCP Client/Server

Connections: 2 × Gigabit Ethernet
2 × 100 Megabit Network
24 VDC Power Supply (Input)
SD Memory Card Slot
Integrated Slice Bus
for local SLIO Modules

Processor: Triton ARM Cortex-A17 1.26 GHz, 3 Core

Memory: Flash Memory: 8 GB eMMC
SDRAM: 2 GB DDR4
Program Memory: 12 MB
Data Storage Memory: 32 MB
Retained Data Storage: 3 MB MRAM

Synchronized Axis Count: Up to 64 Real and 64 Virtual Axes

Hardware

Product Name	Model Code	YEU SAP No.	Description
iC9226M-FSoE	JEYRM-MPX022SE10L32-2	10115706	Controller iC9226M with PLCNext technology, EtherCAT Master with Safety over EtherCAT (FSoE), 4 FMK servo-axes and 4 virtual axes with a maximum of 64 axes each, Ethernet-Switch, OPC UA Server, USB serviceport, SD-Card slot, 12 MB Progr. Memory / 32 MB Data Memory / 3 MB Retain Memory

Software

Product Name	Model Code	YEU SAP No.	Description
iCube Engineer	JXPMC-ICF100E	10116261	iCube Engineer, Engineering Tool, Version 1, Professional Single Electronic License

Feature overview

Feature	Model Code	YEU SAP No.	Description
8 axis	JXPMC-0PX010402	10116687	Electronic license to activate 8 real + 8 virtual axes
12 axis	JXPMC-0PX010403	10116688	Electronic license to activate 12 real + 12 virtual axes
16 axis	JXPMC-0PX010404	10116689	Electronic license to activate 16 real + 16 virtual axes
24 axis	JXPMC-0PX010406	10116690	Electronic license to activate 24 real + 24 virtual axes
32 axis	JXPMC-0PX010408	10116691	Electronic license to activate 32 real + 32 virtual axes
64 axis	JXPMC-0PX010412	10116692	Electronic license to activate 64 real + 64 virtual axes
PN Controller	JXPMC-0PX010703	10116693	Electronic license to activate a PROFINET IO RT Controller on X3 or X4
OPC UA Client	JXPMC-0PX010901	10116696	Electronic license to activate the OPC UA Client
OPC Pub/Sub	JXPMC-0PX010902	10116697	Electronic license to activate the OPC UA Pub/Sub
Web HMI App	JXPMC-0PX011101	10116157	Electronic license to allow a web virtualization on the iCube Controller compatible with any HTML5 capable browser

For more technical details, please refer to: www.icubecontrol.com

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