



CODESYS Control for Linux Multicore SL

CODESYS Control Linux MC SL is an extension of CODESYS Control Linux SL – an IEC 61131-3-compliant SoftPLC for PC-based industrial controllers running on Linux with soft real-time properties.

Product description

CODESYS Control Linux Multicore SL extends an existing industrial PC, on which CODESYS Control Linux SL is installed, to a multicore (MC) high-performance PLC. This can process its IEC application specifically on multiple CPU cores. The system is suitable for applications with soft demands on the real-time behavior.

Benefits

- Extension of CODESYS Control Linux SL for multicore support (all CPUs)
- Extension of the CODESYS Development System for binding individual IEC applications to different CPU cores
- Debugging of the multicore application within CODESYS

Fieldbus support

The fieldbuses of CODESYS Control Linux SL are supported in single-core operation.

Product options

None

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General information

Vendor:

CODESYS GmbH
 Memminger Strasse 151
 87439 Kempten
 Germany

Support:

<https://support.codesys.com>

Item:

CODESYS Control for Linux MC SL

Item number:

2302000031

Sales:

CODESYS Store

<https://store.codesys.com>

Included in delivery:

- License key

System requirements and restrictions

Programming system	CODESYS Development System V3.5.16.20 or later
Runtime system	CODESYS Control for Linux SL V3.5.16.20 or later
	Runs on Debian-based Linux (64-bit) with multicore CPU
Supported platforms and devices	Note: Use the tool "Device Reader" to find out the supported features of your device (free of charge component of CODESYS Development System).
Additional requirements	Installation of CODESYS Control for Linux SL
Restrictions	-
	Single device licensing
Licensing	License activation optional on CODESYS Key or CODESYS Softcontainer (free of charge component of CODESYS Controls). Licensing via CODESYS Softcontainer is strictly linked to the selected hardware. Note: Without a license the software runs in demo mode for two hours (manual restart is needed).
Required Accessories	Optional: CODESYS Key

Note: Not all CODESYS features are available in all territories. For more information on geographic restrictions, please contact sales@codesys.com.

Note: Technical specifications are subject to change. Errors and omissions excepted. The content of the current online version of this document applies.