



## Data Sheet CODESYS Control for emPC-A/iMX6 Multicore SL

The CODESYS Control for emPC-A/iMX6 Multicore SL is an extension of the CODESYS Control for emPC-A/iMX6 SL, an adapted CODESYS Control runtime system for the real-time capable industrial controller emPC-A/iMX6 from Janz Tec AG.

### Product description

CODESYS Control for emPC-A/iMX6 Multicore SL extends an existing emPC-A/iMX6 controller from Janz Tec AG, on which CODESYS Control for emPC-A/iMX6 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 demands on the real-time behavior.

### Benefits

- Extension of CODESYS Control for emPC-A/iMX6 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 for emPC-A/iMX6 SL are supported in single-core operation.

### Product options

None

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## General information

### Supplier:

CODESYS GmbH  
 Memminger Strasse 151  
 87439 Kempten  
 Germany

### Support:

<https://support.codesys.com>

This product includes a CODESYS Support Ticket, i.e. 1 hour of support of CODESYS. More details can be found in the CODESYS Store product: [CODESYS Support Ticket](#).

### Item:

CODESYS Control for emPC-A/iMX6 Multicore SL

### Item number:

2302000037

### Sales/Source of supply:

CODESYS Store  
<https://store.codesys.com>

### Included in delivery:

- License Key

## System requirements and restrictions

<b>Programming System</b>	CODESYS Development System V3.5.17.0 or higher
<b>Runtime System</b>	CODESYS Control for emPC-A/iMX6 SL V4.4.0.0 or higher
<b>Supported Platforms/ Devices</b>	<p>Janz Tec emPC-A/iMX6</p> <p>Note: Use the tool "Device Reader" to find out the supported features of your device (free of charge component of CODESYS Development System).</p>
<b>Additional Requirements</b>	Installation of CODESYS Control for emPC-A/iMX6 SL
<b>Restrictions</b>	Not released for use in containers or virtual machines (VMs)!
<b>Licensing</b>	



Single device license: The license can be used on the target device/PLC on which the CODESYS runtime system is installed.

Licenses are activated on a software-based license container (soft container), which is permanently connected to the controller. Alternatively, the license can be stored on a CODESYS Key (USB dongle). By replugging the CODESYS Key, the license can be used on any other controller.

Note: In demo mode, the software runs for two hours without a license. After that, a manual restart is required.

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**Required Accessories**

Optional: CODESYS Key

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

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