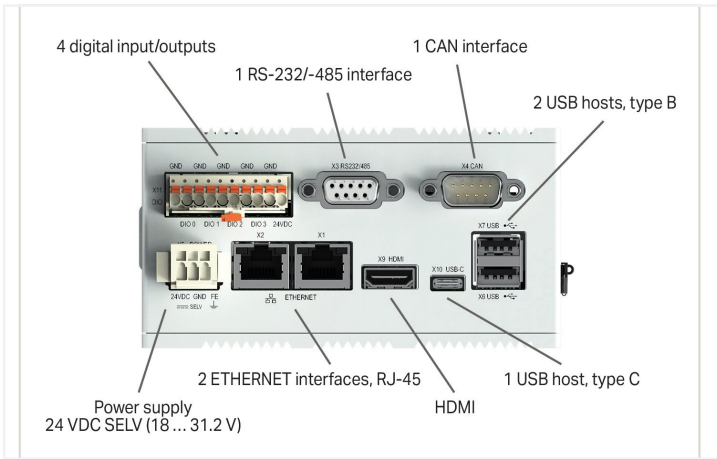
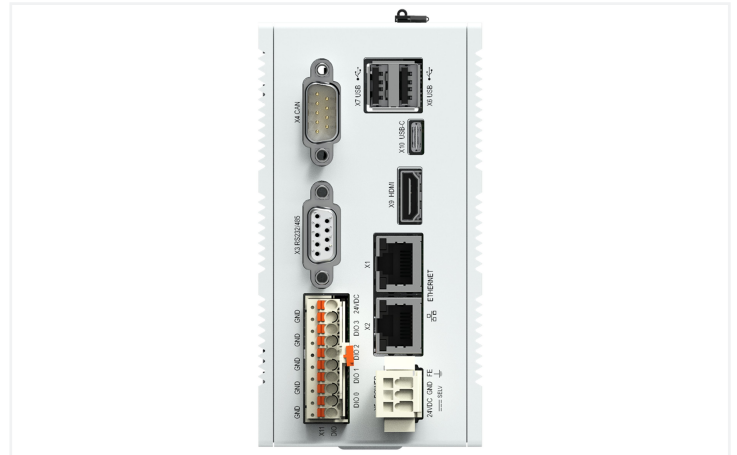


**Data Sheet | Item Number: 752-8303/8000-002**  
 Edge Controller; 2 x ETHERNET, 2 x USB, 1 x USB-C, HDMI, CAN, DI/DO,  
 RS-232/485, Audio; Control

<https://www.wago.com/752-8303/8000-002>



**Technical data**

Communications	Web browser Web browser (HTML5) Modbus TCP master/slave Modbus (UDP), WagoAppPlcModbus Library Modbus (RTU), WagoAppPlcModbus Library ETHERNET EtherNet/IP™ Adapter (slave) EtherNet/IP™ Scanner CANopen EtherCAT® Master OPC UA Server/Client OPC UA Pub/Sub (can be installed later) MQTT RS-232 serial interface RS-485 interface BACnet/IP, <b>requires an additional license</b> Telecontrol protocols, <b>requires an additional license</b> MicroBrowser (including visualization of CODESYS V2.3), requires an additional license
ETHERNET protocols	DHCP DNS FTP FTPS HTTP HTTPS SSH
Visualization	Web-Visu Target Visu
Operating system	Real-time Linux (with PREEMPT_RT patch)
Processor	ARM® Cortex® A9 Quad-Core 1.0 GHz
Programming environment	CODESYS V3.5, Firmware Release 24 or higher e!COCKPIT (based on CODESYS V3) up to Firmware Release 22

### Technical data

Transmission rate	ETHERNET: 10/100 Mbit/s; CAN: 1 MBd
Main memory (RAM)	2 GB, DDR3 SDRAM
Internal memory (flash)	4 GB, eMMC
Non-volatile hardware memory	128 KB
Memory expansion	microSD (max. 2 GB), microSDHC (max. 32 GB)
Interfaces (USB)	2 x USB 2.0 socket, type A; 1 x USB OTG socket, type C
Onboard I/Os	4 x DIO, configurable
Indicators	3-color LED – red, green, blue; 4 x red/green LED
Supply voltage	24 VDC, SELV (18 ... 31.2 V); LPS; with reverse voltage protection
Input current (max.) (24 V)	120 mA
Operating power	2.9 W, without USB load; 9.4 W, with USB load

### Connection data

Connection technology: communication/fieldbus	ETHERNET: 2 x RJ-45; CANopen: 1 x D-sub 9 plug; RS-232/-485 Interface: 1 x D-sub 9 socket
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### Physical data

Width	65 mm / 2.559 inches
Height	123 mm / 4.843 inches
Depth	115 mm / 4.528 inches

### Mechanical data

Weight	600 g
Housing material	Aluminum, powder-coated

### Environmental requirements

Ambient temperature (operation)	-20 ... +60 °C
Ambient temperature (storage)	-20 ... +80 °C
Protection type	IP20
Relative humidity (without condensation)	90 %
Mounting type	DIN-35 rail
Fire load	0 MJ

### Commercial data

ETIM 9.0	EC001413
ETIM 8.0	EC001413
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966108996
Customs tariff number	8471410000

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Approvals / Certificates**

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
KC National Radio Research Agency	Article 58-2, Clause 3	R-R-W43-EDGE752	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199			

**Downloads**

**Environmental Product Compliance**



Compliance Search	
Environmental Product Compliance 752-8303/8000-002	<a href="#">↓</a>

**Documentation**



Manual				System Description	
Product Manual WAGO Edge Controller	1.5.0 16.08.2024	pdf 1917.74 KB	<a href="#">↓</a>	Edge Computing; General Product Information	pdf 219.09 KB <a href="#">↓</a>
Product Manual OPC UA Mapping Editor	V 1.1.0 11.03.2022	pdf 3314.23 KB	<a href="#">↓</a>		
OPC_UA Mapping Editor			<a href="#">↓</a>		
Migration Guide	2023631499   8   en-US   2025-01-22 17:30 28.01.2025	pdf 4851.82 KB	<a href="#">↓</a>		
Migrationsleitfaden von e!COCKPIT-Projekten zu CODESYS V3.5			<a href="#">↓</a>		

Bid Text			
752-8303/8000-002		xml 5.55 KB	<a href="#">↓</a>
752-8303/8000-002		docx 29.98 KB	<a href="#">↓</a>
ausschreiben.de 752-8303/8000-002			<a href="#">↓</a>



### CAD/CAE-Data

CAD data		CAE data	
2D/3D Models	752-8303/8000-002	EPLAN Data Portal	752-8303/8000-002
		ZUKEN Portal	752-8303/8000-002
			

### Engineering-Software

Configuration and Commissioning Software			
CODESYS V3.5		png	315.13 KB
			
WAGOupload	1.16.1.0 02.02.2022	zip	12111.45 KB
			

### Runtime Software

Firmware			
Edge Controller Code-sys V3.5 Firmware	27.06.2023	zip	0.02 KB
			
Image Update (SD Karte) Edge Controller	V 22 SP1 14.12.2022	zip	215605.00 KB
			
WUP Update (WAGOuploadTool) Edge Controller	V 22 SP1 14.12.2022	zip	213716.66 KB
			