

Technical data

Communication	Web browser Web browser (HTML5) Modbus TCP master/slave Modbus (UDP), WagoAppPlicModbus Library Modbus (RTU), WagoAppPlicModbus 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, requires an additional license Telecontrol protocols, requires an additional license MicroBrowser (including visualization of CODESYS V2.3), requires an additional license
Operating system	Real-time Linux (with RT-Preempt patch)
Processor	ARM® Cortex® A9 Quadcore 1.0 GHz
Programming environment	CODESYS V3.5, Firmware Release 24 or higher e!COCKPIT (based on CODESYS V3) up to Firmware Release 22
Main memory (RAM)	2048 MB
Internal memory (flash)	4096 MB
Program memory	32 MB
Data memory	128 MB
Non-volatile software memory	128 KB
Type of memory card	microSD (max. 2 GB); microSDHC (max. 32 GB)
Indicators	Three-color LED (red, green, blue)
Controls	capacitive (glass), 2 capacitive keys, proximity sensor
Supply voltage	24 VDC, SELV (18 ... 31.2 V); with reverse voltage protection
Operating power	10.8 W, without USB load; 16.3 W, with USB load

Connection data

Connection technology: communication/fieldbus	Modbus (TCP, UDP): 2 x RJ-45; EtherNet/IP™: 2 x RJ-45; CANopen: 1 x D-sub 9 plug; Modbus (UDP): 2 x RJ-45; RS-232 + RS-485/-422 serial interface: 1 x D-sub 9 socket; USB: 2 x USB 2.0 host (type A)
Connection technology: supply	1 x Included female connector (734-103) with three CAGE CLAMP® connections

Physical data

Width	420 mm / 16.535 inches
Height	283 mm / 11.142 inches
Depth	78 mm / 3.070 inches
Panel cutout (W x H)	(406 x 268) mm

Mechanical data

Weight	3200 g
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Environmental requirements

Ambient temperature (operation)	-20 ... +55 °C (when mounted vertically; -20 ... +50 °C, other mounting positions)
Ambient temperature (storage)	-20 ... +70 °C
Protection type	IP65
Note on protection type	IP65 (front side); IP20 (rear side), per EN 60529
Relative humidity (without condensation)	90 %
Mounting type	Clamping elements (included)
Fire load	0 MJ



Commercial data

ETIM 8.0	EC001414
ETIM 7.0	EC001414
PU (SPU)	1 pcs
Country of origin	DE
GTIN	4066966056327
Customs tariff number	84714100000

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
EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02. B.00087/19	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
KC National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM-W43-WBP762			
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199			

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 762-5305/8000-002	↓

Documentation

Manual				System Description	
Product Manual WAGO Touch Panel 600	V 1.7.0 24.05.2022	pdf 2386.55 KB	↓	Touch Panel 600, system description	pdf 512.48 KB ↓
Migration Guide	V 1.3.0 03.07.2023	pdf 4938.74 KB	↓		
Migrationsleitfaden von e!COCKPIT-Projekten zu CODESYS V3.5					↓

Additional Information

WAGO OPC UA Server	V 1.1.0 28.01.2021	pdf 1132.87 KB	↓
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Bid Text

762-5305/8000-002	xml 7.21 KB	↓
762-5305/8000-002	docx 19.66 KB	↓
ausschreiben.de 762-5305/8000-002		↓

Application Notes

Application Note e!COCKPIT

e!COCKPIT Anwendungshinweis HVAC BACnet Macros (a2021010)	1.3.0 27.02.2023	zip 67588.63 KB	↓
Application Note WAGO Visualization Datalogger (a2022005)	20230622 22.06.2023	zip 3852.71 KB	↓

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 762-5305/8000-002	EPLAN Data Portal 762-5305/8000-002
↓	↓
	ZUKEN Portal 762-5305/8000-002
	↓

Engineering-Software

Configuration and Commissioning Software

WAGOUpload	1.16.1.0 02.02.2022	zip 12111.45 KB	↓
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Runtime Software

Firmware

Image Update (SD Karte) TP 600	V 22 SP1 14.12.2022	zip 215605.05 KB	↓
WUP Update (WAGOUpload Tool) TP 600	V 22 SP1 14.12.2022	zip 213841.16 KB	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Installation

1.1.1.1 Mounting accessories



Item No.: 762-9001

e!DISPLAY7300T ; Clamping elements
(4 pieces)

Item No.: 762-9325

Flush-Mounted Housing for Touch Panel
600; 39.6 cm (15,6"); 80.0 mm

1.1.2 Memory card

1.1.2.1 Memory card



Item No.: 758-879/000-3102

Memory Card SD Micro; 2 GByte

Item No.: 758-879/000-3108

Memory Card SD Micro; pSLC-NAND; 8
GB; Temperature range: -40 to 90°C

1.1.3 Software

1.1.3.1 Software application



Item No.: 2759-208/211-1000

Library MTP; Single License; Online activation