

Data Sheet | Item Number: 762-5304/8000-002

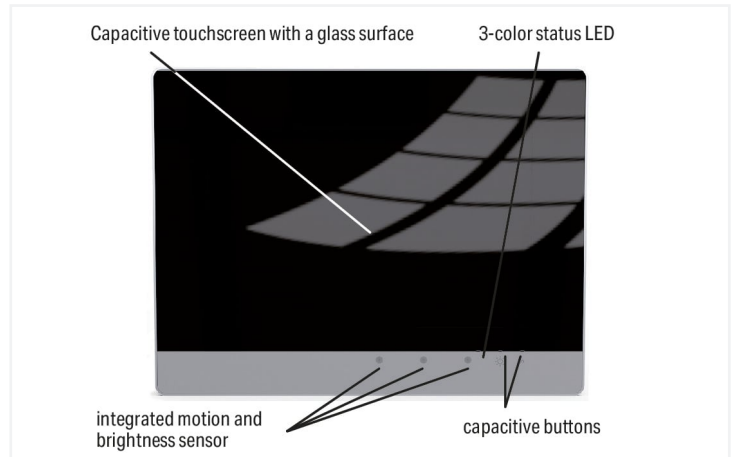
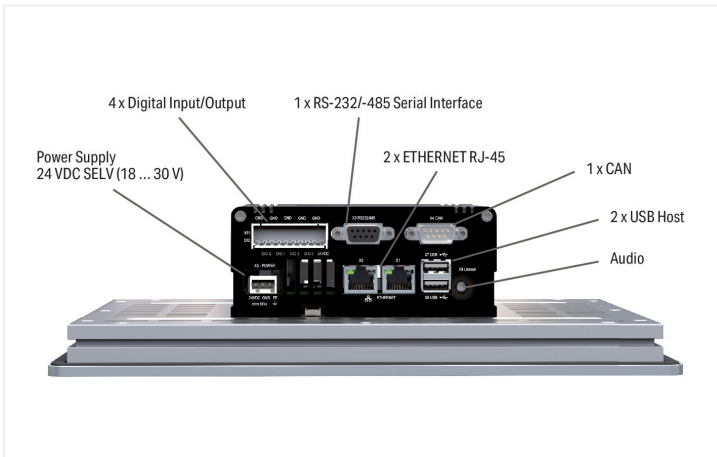
Touch Panel 600; 25.7 cm (10.1"); 1280 x 800 pixels; 2 x ETHERNET, 2 x USB, CAN, DI/DO, RS-232/485, Audio; Control Panel

<https://www.wago.com/762-5304/8000-002>



Touch Panel 600 Communication Options Overview

Option	Part Number	Description	Price
Touch Panel 600	762-5304	Touch Panel 600	1000.00
Touch Panel 600	762-5304-001	Touch Panel 600 with 1x Ethernet	1100.00
Touch Panel 600	762-5304-002	Touch Panel 600 with 2x Ethernet	1200.00
Touch Panel 600	762-5304-003	Touch Panel 600 with 1x Ethernet and 1x USB	1150.00
Touch Panel 600	762-5304-004	Touch Panel 600 with 2x Ethernet and 2x USB	1250.00
Touch Panel 600	762-5304-005	Touch Panel 600 with 1x Ethernet and 1x CAN	1150.00
Touch Panel 600	762-5304-006	Touch Panel 600 with 2x Ethernet and 1x CAN	1250.00
Touch Panel 600	762-5304-007	Touch Panel 600 with 1x Ethernet and 1x RS-232/485	1150.00
Touch Panel 600	762-5304-008	Touch Panel 600 with 2x Ethernet and 1x RS-232/485	1250.00
Touch Panel 600	762-5304-009	Touch Panel 600 with 1x Ethernet and 1x Audio	1150.00
Touch Panel 600	762-5304-010	Touch Panel 600 with 2x Ethernet and 1x Audio	1250.00
Touch Panel 600	762-5304-011	Touch Panel 600 with 1x Ethernet and 1x CAN and 1x RS-232/485	1200.00
Touch Panel 600	762-5304-012	Touch Panel 600 with 2x Ethernet and 1x CAN and 1x RS-232/485	1300.00
Touch Panel 600	762-5304-013	Touch Panel 600 with 1x Ethernet and 1x CAN and 1x Audio	1200.00
Touch Panel 600	762-5304-014	Touch Panel 600 with 2x Ethernet and 1x CAN and 1x Audio	1300.00
Touch Panel 600	762-5304-015	Touch Panel 600 with 1x Ethernet and 1x CAN and 1x RS-232/485 and 1x Audio	1250.00
Touch Panel 600	762-5304-016	Touch Panel 600 with 2x Ethernet and 1x CAN and 1x RS-232/485 and 1x Audio	1350.00



PIO3 hardware configuration

- 2 x ETHERNET port for connecting to field devices and the engineering tool
- 2 x USB port for optional connection of a USB stick, mouse or keyboard
- Audio interface for connecting a headphone or loudspeaker
- CAN for controlling field devices
- RS-232/485 interface for controlling field devices with a serial interface
- 4 x digital input/output for reading/triggering digital signals
- Power-failure-proof storage component

Technical data

Display diagonal	25.7 cm (10.1 inches)
Display	Multitouch glass front; capacitive touchscreen with a glass surface
Display colors	16 million colors
Graphics resolution	(1280 x 800) px
Contrast ratio	800:1
Viewing angle (horizontal/vertical)	85° / 85°
Brightness	800 cd/m ²
Visualization	Web server Web-Visu Target Visu
ETHERNET protocols	DHCP DNS FTP FTPS HTTP HTTPS SSH

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	11.8 W, without USB load; 17.0 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	293 mm / 11.535 inches
Height	223 mm / 8.78 inches
Depth	78 mm / 3.070 inches
Panel cutout (W x H)	(278 x 208) mm

Mechanical data

Weight	1689 g
--------	--------

Environmental requirements

Ambient temperature (operation)	-20 ... +55 °C (when mounted vertically; -20 ... +50 °C, other mounting positions)
Ambient temperature (storage)	-20 ... +80 °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) or VESA mount (4 x M4x8)
Fire load	0.003 MJ

Commercial data

ETIM 8.0	EC001414
ETIM 7.0	EC001414
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143825078
Customs tariff number	84714100000

Environmental Product Compliance


RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

Approvals / Certificates

General approvals **Approvals for marine applications**



Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02. B.00087/19
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



Approval	Standard	Certificate Name
DNV DNV Germany GmbH	DNV-CG-0339, Aug. 2021	TAA00001FS

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 762-5304/8000-002	↓
---	-------------------

Documentation

Manual

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

System Description

Touch Panel 600, system description	pdf 512.48 KB	↓
-------------------------------------	------------------	-------------------

Tutorial			
Establish connection to a controller using SSH	1.0 05.08.2017	mp4 28368.02 KB	↓

Additional Information			
WAGO OPC UA Server	V 1.1.0 28.01.2021	pdf 1132.87 KB	↓

Bid Text			
762-5304/8000-002	04.01.2019	docx 22.43 KB	↓
762-5304/8000-002	19.02.2019	xml 6.26 KB	↓
ausschreiben.de 762-5304/8000-002			↓

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			
2D/3D Models 762-5304/8000-002			↓

CAE data			
EPLAN Data Portal 762-5304/8000-002			↓
ZUKEN Portal 762-5304/8000-002			↓

Engineering-Software

Configuration and Commissioning Software			
WAGOupload	1.16.1.0 02.02.2022	zip 12111.45 KB	↓

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.: 762-9324

Flush-Mounted Housing for Touch Panel
600; 25.7 cm (10.1"); 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