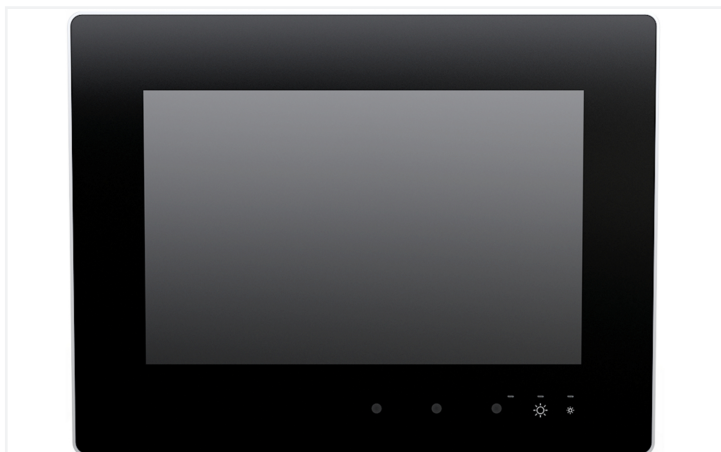


Data Sheet | Item Number: 762-6304/8000-002

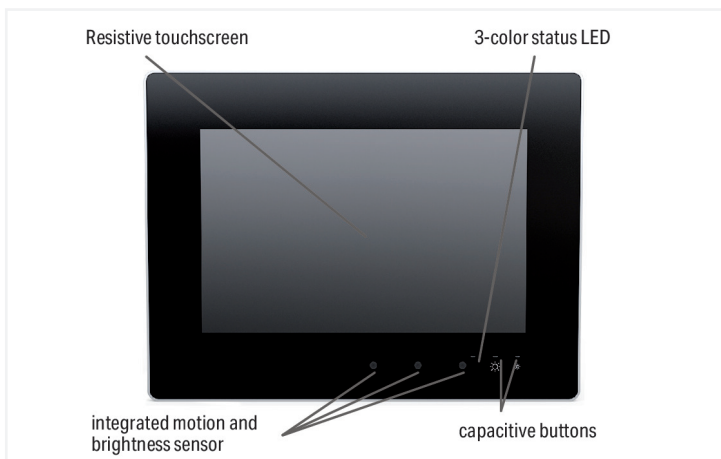
Touch Panel 600; 25.7 cm (10.1"); 1280 x 800 pixels; 2 x ETHERNET, 2 x USB, CAN, DI/DO, RS-232/485, Audio; Control Panel

<https://www.wago.com/762-6304/8000-002>



Touch Panel 600 Communication Options Overview

Option	Part Number	Price	Availability
Touch Panel 600	762-6304-0000-000	1000.00	In Stock
Touch Panel 600 with Ethernet	762-6304-0000-001	1100.00	In Stock
Touch Panel 600 with Ethernet and USB	762-6304-0000-002	1200.00	In Stock
Touch Panel 600 with Ethernet, USB and CAN	762-6304-0000-003	1300.00	In Stock
Touch Panel 600 with Ethernet, USB, CAN and RS-232/485	762-6304-0000-004	1400.00	In Stock
Touch Panel 600 with Ethernet, USB, CAN, RS-232/485 and Audio	762-6304-0000-005	1500.00	In Stock
Touch Panel 600 with Ethernet, USB, CAN, RS-232/485, Audio and DI/DO	762-6304-0000-006	1600.00	In Stock
Touch Panel 600 with Ethernet, USB, CAN, RS-232/485, Audio, DI/DO and Power-failure-proof storage	762-6304-0000-007	1700.00	In Stock



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
- 1 x 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	Resistive touchscreen (black front)
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

Communications	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 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
Main memory (RAM)	2048 MB
Internal memory (flash)	4096 MB
Program memory	32 MB
Data memory	128 MB
Type of memory card	microSD (max. 2 GB); microSDHC (max. 32 GB)
Indicators	Three-color LED (red, green, blue)
Control Elements	Resistive touch panel, two 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 (734-103/037-000) 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

Mounting type	Clamping elements (included) or VESA mount (4 x M4x8)
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Material data

Fire load	0 MJ
Weight	2427 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 %

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143942898
Customs tariff number	84714100000

Product classification

UNSPSC	43211903
ETIM 9.0	EC001414
ETIM 8.0	EC001414
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03083
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

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications



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

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 762-6304/8000-002	↓

Documentation

Manual			
Product Manual WAGO Touch Panel 600	1.7.0 16.08.2024	pdf 2490.86 KB	↓
Migration Guide	2023631499 8 en-US 2025-01-22 17:30 28.01.2025	pdf 4851.82 KB	↓
Migrationsleitfaden von e!COCKPIT-Projekten zu CODESYS V3.5			↓

System Description		
Touch Panel 600, system description	pdf 512.48 KB	↓

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

Bid Text		
762-6304/8000-002	docx 19.66 KB	↓
762-6304/8000-002	xml 6.76 KB	↓

Application Notes

Application Note e!COCKPIT			
e!COCKPIT Application Note HVAC macros	2021-12-06 06.12.2021	zip 10154.49 KB	↓
CODESYS 3 Anwendungshinweis HLK BACnet Makros (a2021010)	1.3.0 27.02.2023	zip 67588.63 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 762-6304/8000-002	↓

CAE data	
EPLAN Data Portal 762-6304/8000-002	↓
ZUKEN Portal 762-6304/8000-002	↓

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

TP 600 Codesys V3.5 Firmware	V 25 14.07.2023	zip	0.02 KB	
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 Product Expansions

1.1.1 Runtime software



Item No.: 2759-2286/211-1000
Runtime; BACnet; 600; M; Single License; Online activation



Item No.: 2759-2276/211-1000
Runtime; BACnet; 600; S; Single License; Online activation



Item No.: 2759-286/211-1000
Runtime; BACnet; 600; Single License; Online activation



Item No.: 2759-2296/211-1000
Runtime; DNP3 Master; L; Single License; Online activation



Item No.: 2759-2291/211-1000
Runtime; DNP3 Slave; L; Single License; Online activation



Item No.: 2759-296/211-1000
Runtime; IEC60870 Master; L; Single License; Online activation



Item No.: 2759-291/211-1000
Runtime; IEC60870 Slave; L; Single License; Online activation



Item No.: 2759-2246/211-1000
Runtime; IEC61850 Client; L; Single License; Online activation



Item No.: 2759-2241/211-1000
Runtime; IEC61850 Server; L; Single License; Online activation



Item No.: 2759-230/211-1000
Runtime; MicroBrowser; Single License; Online activation



Item No.: 2759-248/211-1000
Runtime; Multi Cloud Connectivity; Single License; Online activation



Item No.: 2759-247/211-1000
Runtime; Sparkplug; Single License; Online activation

1.2 Optional Accessories

1.2.1 Installation

1.2.1.1 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

1.2.2 Memory card

1.2.2.1 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