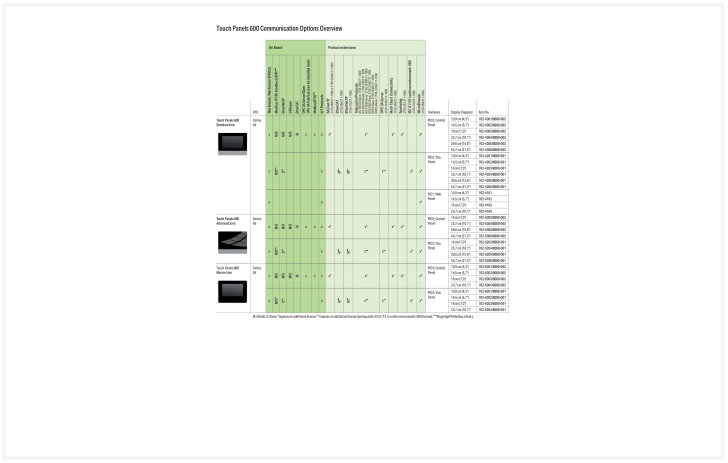
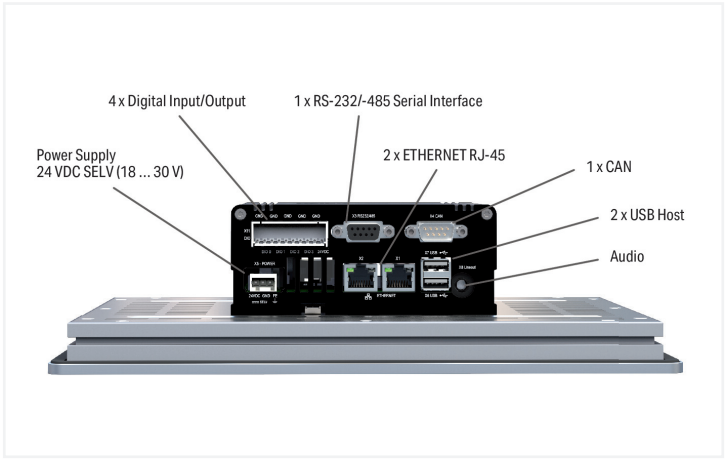
Data Sheet | Item Number: 762-4305/8000-002

Touch Panel 600; 39.6 cm (15,6"); 1920 x 1080 pixels; 2 x ETHERNET, 2 x USB, CAN, DI/DO, RS-232/485, Audio; Control Panel

https://www.wago.com/762-4305/8000-002







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	39.6 cm (15.6 inches)
Display	Resistive touchscreen
Display colors	16.7 million colors
Graphics resolution	(1920 x 1080) px
Contrast ratio	800:1
Viewing angle (horizontal/vertical)	85° / 85°
Brightness	500 cd/m²
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), 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, **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	Resistive touch panel, two 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	3000 g

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

Continued on next page

Commercial data

ETIM 8.0	EC001414
ETIM 7.0	EC001414
PU (SPU)	1 pcs
Country of origin	DE
GTIN	4066966056303
Customs tariff number	84714100000

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs-stelle	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 LOCATI-ONS)	UL 61010-2-201	E175199

Declarations of conformity and manufacturer's declarations

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 762-4305/8000-002

Documentation

Manual

Product Manual WAGO Touch Panel 600	1.7.0 24.05.2022	pdf 2487.15 KB	
Product Manual OPC UA Mapping Editor	V 1.1.0 11.03.2022	pdf 3314.23 KB	
OPC_UA Mapping Edi-tor			
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, sys-tem description	pdf 512.48 KB	

Continued on next page

Additional Information

WAGO OPC UA Server	V 1.1.0 28.01.2021	pdf 1132.87 KB

Bid Text

762-4305/8000-002	xml 7.01 KB
762-4305/8000-002	docx 19.77 KB
ausschreiben.de 762-4305/8000-002	

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
762-4305/8000-002

CAE data

EPLAN Data Portal
762-4305/8000-002

ZUKEN Portal
762-4305/8000-002

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

Continued on next page

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