

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



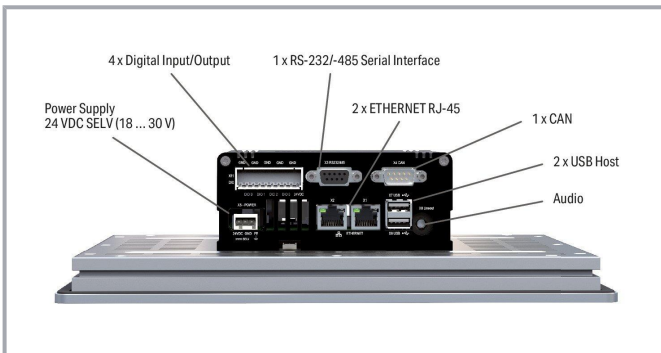
www.wago.com/762-4305/8000-002



Touch Panels 600 Communication Options Overview

	CPU	Web Browser	Web browser	Modbus (RTU)	Modbus (TCP)	Modbus (DIP)**	EtherCAT®	Chopper	Encoder	OPC UA (Client/Server)	OPC UA (Web)	OPC UA (Server)	Multi-Cloud Connectivity	Hardware	Display Diagonal	Item No.
Touch Panels 600 Standard Line	Cortex A9	x	MIS	MIS	MIS	E*	MIS	M	x	x	x	x	x	x	10.9 cm (4.3")	762-42018000-002
															14.5 cm (5.7")	762-43038000-002
															18 cm (7.07")	762-43038000-002
															25.7 cm (10.1")	762-43048000-002
															29.8 cm (11.75")	762-43058000-002
															34.7 cm (13.65")	762-43068000-002
Touch Panels 600 Advanced Line	Cortex A9	x	MIS	MIS	MIS	E*	MIS	M	x	x	x	x	x	x	10.9 cm (4.3")	762-42018000-001
															14.5 cm (5.7")	762-42028000-001
															18 cm (7.07")	762-42038000-001
															25.7 cm (10.1")	762-42048000-001
															29.8 cm (11.75")	762-42058000-001
															34.7 cm (13.65")	762-42068000-001
Touch Panels 600 Marine Line	Cortex A9	x	MIS	MIS	MIS	E*	MIS	M	x	x	x	x	x	x	10.9 cm (4.3")	762-43018000-002
															14.5 cm (5.7")	762-43028000-002
															18 cm (7.07")	762-43038000-002
															25.7 cm (10.1")	762-43048000-002
															29.8 cm (11.75")	762-43058000-002
															34.7 cm (13.65")	762-43068000-002

M: Master, S: Slave; *requires an additional license; **requires an additional license (prerequisite: IEC 61131 runtime environment; 600 license); ***WagoApp/Modbus Library



Subject to changes. Please also observe the further product documentation!

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Item description

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

Data

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/m ²
Visualization	Web server Web-Visu Target Visu
ETHERNET protocols	DHCP DNS FTP FTPS HTTP HTTPS SSH
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

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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 (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, from firmware release 24 <i>e!COCKPIT</i> (based on CODESYS V3), up to firmware release 22
Main memory (RAM)	2,048 MB
Internal memory (flash)	4096 MB
Program memory	32 MB
Data memory	128 MB
Non-volatile software memory	128. Kbytes
Type of memory card	microSD (max. 2 GB); microSDHC (max. 32 GB)
Indicators	Three-color LED (red, green, blue)
Controls	Resistive touch panel; 2 capacitive keys; proximity sensor
Supply voltage	24 VSELV DC (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

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Mechanical Data

Weight	3000 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)

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
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Approvals / Certificates


General approvals

Logo	Approval	Additional Approval Text	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

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Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Optional accessories

Mounting

Mounting accessories



Item no.: 762-9001

e!DISPLAY7300T ; Clamping elements (4 pieces)

www.wago.com/762-9001



Item no.: 762-9325

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

www.wago.com/762-9325

Software

Software applications



Item no.: 2759-208/211-1000

Library MTP; Single License; Online activation

www.wago.com/2759-208/211-1000

Memory card

Memory card



Item no.: 758-879/000-3102

Memory Card SD Micro; 2 GByte

www.wago.com/758-879/000-3102



Item no.: 758-879/000-3108

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

www.wago.com/758-879/000-3108

Downloads

Documentation

Manual

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Product Manual WAGO Touch Panel 600 Standard Line	1.7.0 2022 May 24	pdf 2.5 MB	Download
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Product Manual OPC UA Mapping Editor	V 1.1.0 2022 Mar 11	pdf 3.4 MB	Download
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OPC_UA Mapping Editor Online Help HTML		URL	Download
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Migration Guide from e!COCKPIT projects to CODESYS V3.5 Online Help (HTML)		URL	Download
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Bid Text

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762-4305/8000-002 docx - Datei		docx 20.2 kB	Download
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System Description

Touch Panel 600, system description		pdf 151.9 kB	Download
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Additional Information

WAGO OPC UA Server	V 1.1.0 2021 Jan 28	pdf 1.2 MB	Download
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Application Notes

Application Note e!COCKPIT

e!COCKPIT Application Note WAGO Visualization Datalogger (a2022005) WAGO Visualization Datalogger is a Web application that can be used as a visualization tool for the recorded data of the datalogger library (WAGOAppDatalogger).	20230505 2023 May 5	zip 4.1 MB	Download
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WAGO Visualization Datalogger does not replace the datalogger but is rather a supplementary function. It is an HTML/Javascript application available via the Webserver on the controller. The user launches the Web application in a browser.

e!COCKPIT Anwendungshinweis HVAC BACnet Macros (a2021010)	1.3.0	zip	Download
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Basierend auf der Bibliothek WagoAppBuildingHVAC_BACnet stellt WAGO in dem Bereich Heizung, Lüftung und Klimatisierung verschieden HLK-Anlagenmakros mit BACnet-Anbindung zur Verfügung.

2023 Feb 27

69.2 MB

Engineering-Software

WAGO Solution Builder

WAGO Solution Builder

URL

Download

WAGO Solution Builder is a software solution that enables holistic and efficient building automation project engineering and can be used throughout the entire building life cycle. With WAGO Solution Builder, you can organize all of your own building automation projects on a web interface and, thanks to integrated device management, ensure that your project-specific WAGO controllers are always updated.

Once downloaded, the software can be used for free during the launch phase until October 2023. After that, you can activate WAGO Solution Builder by purchasing a license key.

Desktop Application

WAGUpload

URL

Download

WAGUpload is a stand-alone PC software for transferring, backing up and restoring PLC applications on WAGO 750 Series controllers.

Runtime Software

Firmware

Image Update (SD Karte) TP 600

V 22 SP1

zip

Download

WAGO_FW0762-4xxx_V031010_IX22_SP1_I

2022 Dec 14

220.8 MB

WUP Update (WAGUpload Tool) TP 600

V 22 SP1

zip

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WAGO_FW0762-4xxx_V031010_IX22_SP1_W

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219.0 MB

CAD/CAE-Data

CAD data

2D/3D Models 762-4305/8000-002

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CAE data

ZUKEN Portal 762-4305/8000-002

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EPLAN Data Portal 762-4305/8000-002

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 762-4305/8000-002

URL

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Installation Notes

Product family

Standard Line

[Show all products from the family](#)

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