

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



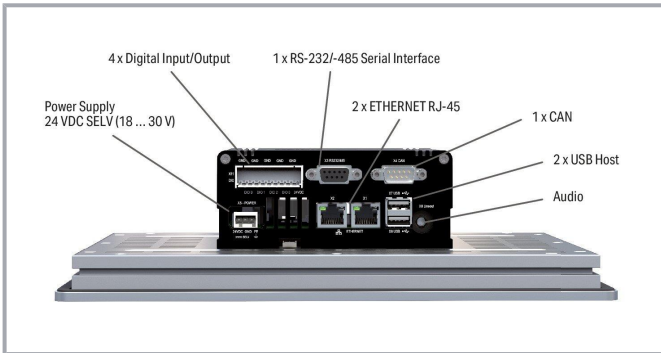
[www.wago.com/762-6304/8000-002](http://www.wago.com/762-6304/8000-002)



Touch Panels 600 Communication Options Overview

Product	CPU	On Board													Product extensions						
		Web Browser	Web Browser (HTML5)	Modbus/TCP	Modbus (RTU)**	EtherCAT®	Chopper	Control	Control	OPC UA (incl. OPC UA Client)	Modbus (RTU)**	RS-232/485	RS-485	RS-485	RS-232/485	RS-232/485	RS-232/485	RS-232/485	Hardware	Display Diagonal	Item No.
Touch Panels 600 Standard Line	Cortex A9	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	PI2C Control Panel	10.0 cm (4.0")	762-42018000-002
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	PI2C Web Panel	14.5 cm (5.7")	762-43028000-002
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	PI2C Vista Panel	18 cm (7.0")
Touch Panels 600 Advanced Line	Cortex A9	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	PI2C Control Panel	18 cm (7.0")	762-43048000-002
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	PI2C Vista Panel	25.7 cm (10.1")	762-43058000-001
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	PI2C Control Panel	29.0 cm (11.4")
Touch Panels 600 Marine Line	Cortex A9	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	PI2C Control Panel	18 cm (7.0")	762-43078000-001
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	PI2C Vista Panel	25.7 cm (10.1")	762-43088000-002
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	PI2C Control Panel	14.5 cm (5.7")

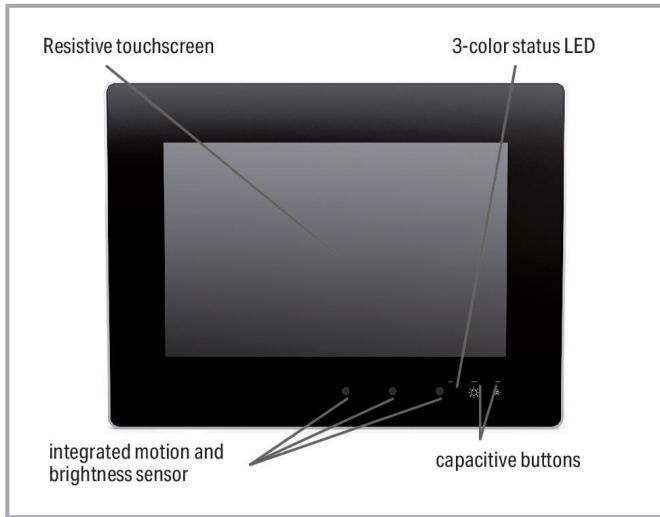
M: Master, S: Slave; \*\*requires an additional license; \*\*\*requires an additional license (prerequisite: IEC 61131 runtime environment; 600 license); \*\*\*\*WagoAppModbus Library



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	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 <sup>2</sup>
Visualization	Web server Web-Visu Target Visu
ETHERNET protocols	DHCP

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DNS  
FTP  
FTPS  
HTTP  
HTTPS  
SSH

Communication	<p>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, <b>requires an additional license</b> Telecontrol protocols, <b>requires an additional license</b> MicroBrowser (Visualization of CODESYS V2.3), requires an additional license</p>
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
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	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 +

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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 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 %

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

## Commercial data

ETIM 8.0 EC001414

ETIM 7.0 EC001414

PU (SPU) 1 pcs

Packaging type box

Country of origin DE

GTIN 4055143942898

Customs tariff number 84714100000

## Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

## Approvals / Certificates

### General approvals

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Logo	Approval	Additional Approval Text	Certificate name
	<b>EAC</b> Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02.B.00087/19
	<b>KC</b> National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM-W43-WBP762
	<b>UL</b> Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

**Declarations of conformity and manufacturer's declarations**

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

**Approvals for marine applications**

Logo	Approval	Additional Approval Text	Certificate name
	<b>DNV</b> DNV Germany GmbH	DNV-CG-0339, Aug. 2021	TAA00001FS

**Optional accessories**

**Software**

Software applications

	<b>Item no.: 2759-208/211-1000</b> Library MTP; Single License; Online activation	<a href="http://www.wago.com/2759-208/211-1000">www.wago.com/2759-208/211-1000</a>
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**Memory card**

Memory card

	<b>Item no.: 758-879/000-3102</b> Memory Card SD Micro; 2 GByte	<a href="http://www.wago.com/758-879/000-3102">www.wago.com/758-879/000-3102</a>
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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](http://www.wago.com/758-879)

/000-3108

## Mounting

### Mounting accessories



Item no.: 762-9001

e!DISPLAY7300T ; Clamping elements (4 pieces)

[www.wago.com/762-9001](http://www.wago.com/762-9001)



Item no.: 762-9324

Flush-Mounted Housing for Touch Panel 600; 25.7 cm (10.1"); 80.0 mm

[www.wago.com/762-9324](http://www.wago.com/762-9324)

## Downloads

### Documentation

#### Manual

Product Manual WAGO Touch Panel 600 Marine Line	V 1.5.0 2022 May 24	pdf 2.4 MB	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

762-6304/8000-002 X81 - Datei		xml 6.9 kB	Download
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762-6304/8000-002 docx - Datei		docx 20.1 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

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e!COCKPIT Anwendungshinweis HVAC BACnet Macros (a2021010)	1.3.0	zip	Download
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

### 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	Download
WAGO_FW0762-4xxx_V031010_IX22_SP1_W	2022 Dec 14	219.0 MB	

## CAD/CAE-Data

### CAE data

ZUKEN Portal 762-6304/8000-002		URL	Download
EPLAN Data Portal 762-6304/8000-002		URL	Download

### CAD data

2D/3D Models 762-6304/8000-002		URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 762-6304/8000-002		URL	Download
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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

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## Installation Notes

## Product family

**Marine Line**

[Show all products from the family](#)

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