

## 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
- RS-232/485 interface for controlling field devices equipped with a serial interface
- 4 x digital input/output for reading/triggering digital signals
- Power-failure-proof storage component

## Data

### Technical data

Display diagonal	17.8 cm (7 inches)
Display	Multitouch glass front; Capacitive touchscreen with a glass surface
Display colors	16 million colors
Graphics resolution	(800 x 480) px
Contrast ratio	800:1
Viewing angle (horizontal/vertical)	89° / 89°
Brightness	450 cd/m <sup>2</sup>
Visualization	Web server Web-Visu Webserver Web Visu Target Visu

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

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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 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
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	capacitive (glass), 2 capacitive keys, proximity sensor
Supply voltage	24 VSELV DC (18 ... 31.2 V); with reverse voltage protection
Operating power	8.8 W, without USB load; 13.9 W, with USB load

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## 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	213 mm / 8.386 inches
Height	167 mm / 6.575 inches
Depth	78 mm / 3.070 inches
Panel cutout (W x H)	(198 x 152) mm

## Mechanical Data

Weight	1120 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 ... +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	4055143839303
Customs tariff number	84714100000

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## Environmental Product Compliance

RoHS Compliance Status


Compliant, No Exemption

## 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

### Declarations of conformity and manufacturer's declarations

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

### Approvals for marine applications

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

## Optional accessories

### Memory card

Memory card



Item no.: 758-879/000-3102  
Memory Card SD Micro; 2 GByte

[www.wago.com/758-879/000-3102](http://www.wago.com/758-879/000-3102)

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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/758-879/000-3108](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)

## Software

Software applications



Item no.: 2759-208/211-1000

Library MTP; Single License; Online activation

[www.wago.com/2759-208/211-1000](http://www.wago.com/2759-208/211-1000)

## Downloads

### Documentation

#### Manual

Product Manual WAGO Touch Panel 600 Advanced Line	V 1.7.0 2022 May 24	pdf 2.4 MB	Download
Migration Guide from e!COCKPIT projects to CODESYS V3.5 Online Help (HTML)		URL	Download

#### Bid Text

762-5303/8000-002 X81 - Datei	2019 Feb 19	xml 6.4 kB	Download
762-5303/8000-002 docx - Datei	2019 Jan 4	docx 23.0 kB	Download
ausschreiben.de 762-5303/8000-002		URL	Download

#### Tutorial

Establish connection to a controller using SSH In this video we are demonstrating how to establish a SSH connection with a controller using for example PuTTY to be able to work with the LINUX console. Contents: 0:21 Download and install the SSH client; 0:40 Establish the SSH connection; 0:50 Log on to the Controller	1.0 2017 Aug 5	mp4 29.0 MB	Download
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## System Description

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Touch Panel 600, system description

pdf  
151.9 kB  
Download

### Additional Information

WAGO OPC UA Server

V 1.1.0  
2021 Jan 28

pdf  
1.2 MB  
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### Application Notes

#### Application Note e!COCKPIT

e!COCKPIT Application Note WAGO Visualization Datalogger (a2022005)

20230505  
2023 May 5

zip  
4.1 MB  
Download

WAGO Visualization Datalogger is a Web application that can be used as a visualization tool for the recorded data of the datalogger library (WAGOAppDatalogger).

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  
2023 Feb 27

zip  
69.2 MB  
Download

Basierend auf der Bibliothek WagoAppBuildingHVAC\_BACnet stellt WAGO in dem Bereich Heizung, Lüftung und Klimatisierung verschieden HLK-Anlagenmakros mit BACnet-Anbindung zur Verfügung.

### Engineering-Software

#### e!COCKPIT

e!COCKPIT

1.11.2.0  
2023 Apr 24

zip  
4.1 GB  
Download

Register at no cost and test our engineering software for 30 days.

#### Desktop Application

WAGOUpload

URL  
Download

WAGOUpload 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  
2022 Dec 14

zip  
220.8 MB  
Download

WAGO\_FW0762-4xxx\_V031010\_IX22\_SP1\_I

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WUP Update (WAGUpload Tool) TP 600  
WAGO\_FW0762-4xxx\_V031010\_IX22\_SP1\_W

V 22 SP1  
2022 Dec 14

zip  
219.0 MB

[Download](#)

## CAD/CAE-Data

### CAD data

2D/3D Models 762-5303/8000-002

[URL](#)

[Download](#)

### CAE data

ZUKEN Portal 762-5303/8000-002

[URL](#)

[Download](#)

EPLAN Data Portal 762-5303/8000-002

[URL](#)

[Download](#)

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 762-5303/8000-002

[URL](#)

[Download](#)

Touch Panel 600; 17.8 cm (7.0"); 800 x 480 pixels; 2 x ETHERNET, 2 x USB, CAN, DI  
/DO, RS-232/485, Audio; Control Panel

## Installation Notes

## Product family

### Advanced Line

[Show all products from the family](#)

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