

## 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 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	Multitouch glass front; Capacitive touchscreen with a glass surface
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 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	11.8 W, without USB load; 17.0 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	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	1689 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	4055143825078
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
	<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

### 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



**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)

### Mounting

#### Mounting accessories



**Item no.: 762-9001**  
e!DISPLAY7300T ; Clamping elements (4 pieces)

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

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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)

## Memory card

### Memory card



Item no.: 758-879/000-3102

Memory Card SD Micro; 2 GByte

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

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

[/000-3108](http://www.wago.com/758-879/000-3108)

## 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

762-5304/8000-002 X81 - Datei	2019 Feb 19	xml 6.4 kB	Download
762-5304/8000-002 docx - Datei	2019 Jan 4	docx 23.0 kB	Download
ausschreiben.de 762-5304/8000-002		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

Touch Panel 600, system description

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pdf  
151.9 kB

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### Additional Information

WAGO OPC UA Server	V 1.1.0 2021 Jan 28	pdf 1.2 MB	<a href="#">Download</a>
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### Application Notes

#### Application Note e!COCKPIT

<p>e!COCKPIT Application Note WAGO Visualization Datalogger (a2022005)</p> <p>WAGO Visualization Datalogger is a Web application that can be used as a visualization tool for the recorded data of the datalogger library (WAGOAppDatalogger).</p> <p>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.</p>	20230505 2023 May 5	zip 4.1 MB	<a href="#">Download</a>
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<p>e!COCKPIT Anwendungshinweis HVAC BACnet Macros (a2021010)</p> <p>Basierend auf der Bibliothek WagoAppBuildingHVAC_BACnet stellt WAGO in dem Bereich Heizung, Lüftung und Klimatisierung verschieden HLK-Anlagenmakros mit BACnet-Anbindung zur Verfügung.</p>	1.3.0 2023 Feb 27	zip 69.2 MB	<a href="#">Download</a>
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### Engineering-Software

#### e!COCKPIT

<p>e!COCKPIT</p> <p>Register at no cost and test our engineering software for 30 days.</p>	1.11.2.0 2023 Apr 24	zip 4.1 GB	<a href="#">Download</a>
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#### Desktop Application

<p>WAGUpload</p> <p>WAGUpload is a stand-alone PC software for transferring, backing up and restoring PLC applications on WAGO 750 Series controllers.</p>		URL	<a href="#">Download</a>
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### Runtime Software

#### Firmware

<p>Image Update (SD Karte) TP 600</p> <p>WAGO_FW0762-4xxx_V031010_IX22_SP1_I</p>	V 22 SP1 2022 Dec 14	zip 220.8 MB	<a href="#">Download</a>
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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](#)

## Software Solutions (Applications)

### Energy data management

Energy Data Management Application

2.4.1  
2023 May 23

zip  
596.0 MB

[Download](#)

With our energy data management, EDM, solution, you can record and visualize your measurement data of different media and parameters in no time. Continuous collection and monitoring provide the basis for the resource-efficient energy usage – the environment will thank you and your operating costs will be minimized. And by the way, the normative conformity according to DIN EN 50001 for the energetic evaluation is part of the package.

## CAD/CAE-Data

### CAD data

2D/3D Models 762-5304/8000-002

[URL](#) [Download](#)

### CAE data

ZUKEN Portal 762-5304/8000-002

[URL](#) [Download](#)

EPLAN Data Portal 762-5304/8000-002

[URL](#) [Download](#)

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 762-5304/8000-002

[URL](#) [Download](#)

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

## Installation Notes

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## Product family

Advanced Line

[Show all products from the family](#)

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