





## 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	Multitouch glass front; Capacitive touchscreen with a glass surface
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 <sup>2</sup>
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

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

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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	capacitive (glass), 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	3200 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	4066966056327
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
	<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

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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](http://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](http://www.wago.com/762-9325)

## 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)



**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)

## 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

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Product Manual WAGO Touch Panel 600 Advanced Line	V 1.7.0 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**

762-5305/8000-002 docx - Datei		docx 20.1 kB	Download
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762-5305/8000-002 X81 - Datei		xml 7.4 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). 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.	20230505 2023 May 5	zip 4.1 MB	Download
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e!COCKPIT Anwendungshinweis HVAC BACnet Macros (a2021010) Basierend auf der Bibliothek WagoAppBuildingHVAC_BACnet stellt WAGO in dem Bereich Heizung, Lüftung und Klimatisierung verschieden HLK-Anlagenmakros mit BACnet-Anbindung zur Verfügung.	1.3.0 2023 Feb 27	zip 69.2 MB	Download
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**Engineering-Software**

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## 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

zip

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

2022 Dec 14

220.8 MB

WUP Update (WAGOupload Tool) TP 600

V 22 SP1

zip

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

2022 Dec 14

219.0 MB

## CAD/CAE-Data

### CAD data

2D/3D Models 762-5305/8000-002

[URL](#)

[Download](#)

### CAE data

ZUKEN Portal 762-5305/8000-002

[URL](#)

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EPLAN Data Portal 762-5305/8000-002

[URL](#)

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 762-5305/8000-002

[URL](#)

[Download](#)

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

## Installation Notes

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## Product family

Advanced Line

[Show all products from the family](#)

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