

## 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	10.9 cm (4.3 inches)
Display	Resistive touchscreen (black front)
Display colors	16 million colors
Graphics resolution	(480 x 272) px
Contrast ratio	600:1
Viewing angle (horizontal/vertical)	80° / 80°
Brightness	500 cd/m <sup>2</sup>
Visualization	Web server Web-Visu Target Visu
ETHERNET protocols	DHCP

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

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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
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	6.0 W, without USB load; 11.5 W, with USB load

## Connection data

Connection technology: communication/fieldbus

Modbus (TCP, UDP): 2 x RJ-45; EtherNet/IP™: 2 x RJ-

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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	155 mm / 6.102 inches
Height	135 mm / 5.315 inches
Depth	78 mm / 3.070 inches
Panel cutout (W x H)	(140 x 120) mm

## Mechanical Data

Weight	690 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)

## Commercial data

ETIM 8.0	EC001414
ETIM 7.0	EC001414
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143942294
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

### 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

### 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

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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)

## 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)

## Downloads

### Documentation

#### Manual

Product Manual WAGO Touch Panel 600 Marine Line	V 1.5.0 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

762-6301/8000-002 docx - Datei		docx 19.9 kB	Download
762-6301/8000-002 X81 - Datei		xml 6.9 kB	Download

#### 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) 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

### 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 WAGO_FW0762-4xxx_V031010_IX22_SP1_I	V 22 SP1 2022 Dec 14	zip 220.8 MB	Download
WUP Update (WAGOupload 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 762-6301/8000-002		URL	Download
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### CAE data

ZUKEN Portal 762-6301/8000-002		URL	Download
EPLAN Data Portal 762-6301/8000-002		URL	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 762-6301/8000-002 Touch Panel 600; 10.9 cm (4.3"); 480 x 272 pixels; 2 x ETHERNET, 2 x USB, CAN, DI /DO, RS-232/485, Audio; Control Panel		URL	Download
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## Installation Notes

## Product family

### Marine Line

[Show all products from the family](#)

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