



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	54.7 cm (21.5 inches)
Display	Resistive touchscreen
Display colors	16.7 million colors
Graphics resolution	(1920 x 1080) px
Contrast ratio	1000:1
Viewing angle (horizontal/vertical)	89° / 89°
Brightness	350 cd/m ²
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	Resistive touch panel; 2 capacitive keys; proximity sensor
Supply voltage	24 VSELV DC (18 ... 31.2 V); with reverse voltage protection
Operating power	8.4 W, without USB load; 13.9 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	554 mm / 21.811 inches
Height	358 mm / 14.094 inches
Depth	78 mm / 3.070 inches
Panel cutout (W x H)	(540 x 344) mm

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Mechanical Data

Weight	5400 g
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Environmental requirements

Ambient temperature (operation)	0 ... +45 °C (when mounted vertically; -0 ... +40 °C, other mounting positions)
Ambient temperature (storage)	-20 ... +60 °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	4066966056310
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

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



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

Memory card

Memory card



Item no.: 758-879/000-3102

Memory Card SD Micro; 2 GByte

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

Software

Software applications



Item no.: 2759-208/211-1000

Library MTP; Single License; Online activation

www.wago.com/2759-208/211-1000

Downloads

Documentation

Manual

Product Manual WAGO Touch Panel 600 Standard Line	1.7.0 2022 May 24	pdf 2.5 MB	Download
Product Manual OPC UA Mapping Editor	V 1.1.0	pdf	Download

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2022 Mar 11

3.4 MB

OPC-UA Mapping Editor
Online Help HTML

URL Download

Migration Guide from e!COCKPIT projects to CODESYS V3.5
Online Help (HTML)

URL Download

Bid Text

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xml Download
7.2 kB

762-4306/8000-002
docx - Datei

docx Download
20.3 kB

ausschreiben.de 762-4306/8000-002

URL Download

System Description

Touch Panel 600, system description

pdf Download
151.9 kB

Additional Information

WAGO OPC UA Server

V 1.1.0
2021 Jan 28

pdf Download
1.2 MB

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).

20230505
2023 May 5

zip Download
4.1 MB

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 Download
69.2 MB

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

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Engineering-Software

WAGO Solution Builder

WAGO Solution Builder	URL	Download
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WAGO Solution Builder is a software solution that enables holistic and efficient building automation project engineering and can be used throughout the entire building life cycle. With WAGO Solution Builder, you can organize all of your own building automation projects on a web interface and, thanks to integrated device management, ensure that your project-specific WAGO controllers are always updated.

Once downloaded, the software can be used for free during the launch phase until October 2023. After that, you can activate WAGO Solution Builder by purchasing a license key.

Desktop Application

WAGOupload	URL	Download
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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	Download
WAGO_FW0762-4xxx_V031010_IX22_SP1_I	2022 Dec 14	220.8 MB	

WUP Update (WAGOupload Tool) TP 600	V 22 SP1	zip	Download
WAGO_FW0762-4xxx_V031010_IX22_SP1_W	2022 Dec 14	219.0 MB	

CAD/CAE-Data

CAD data

2D/3D Models 762-4306/8000-002	URL	Download
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CAE data

ZUKEN Portal 762-4306/8000-002	URL	Download
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EPLAN Data Portal 762-4306/8000-002	URL	Download
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Environmental Product Compliance

Compliance Search

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Environmental Product Compliance 762-4306/8000-002

Touch Panel 600; 54.6 cm (21.5"); 1920 x 1080 pixels; 2 x ETHERNET, 2 x USB, CAN, DI/DO, RS-232/485, Audio; Control Panel

[URL](#)

[Download](#)

Installation Notes

Product family

Standard Line

[Show all products from the family](#)

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

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