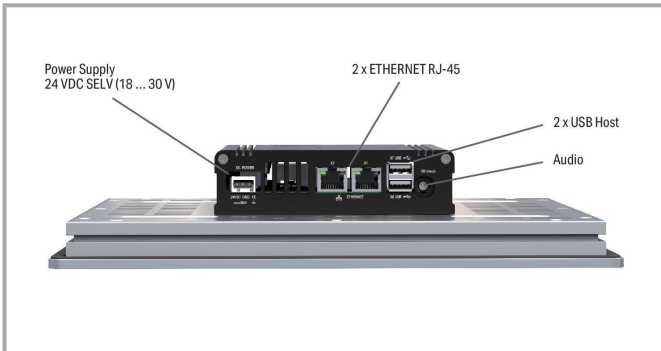




Touch Panels 600 Communication Options Overview

	CPU	On Board	Product extensions	Hardware	Display Diagonal	Item No.
Touch Panels 600 Standard Line	Cortex A9	Web Browser, Web Server (PLC)	Modbus (RTU, Modbus (UDP)** EtherCAT® CANopen EtherCAT OPC UA (incl. OPC UA Security) Modbus (RTU)** IEC 61850 IEC 61850-2 IEC 61850-3 IEC 61850-4 IEC 61850-5 IEC 61850-6 IEC 61850-7 IEC 61850-8 IEC 61850-9 IEC 61850-10 IEC 61850-11 IEC 61850-12 IEC 61850-13 IEC 61850-14 IEC 61850-15 IEC 61850-16 IEC 61850-17 IEC 61850-18 IEC 61850-19 IEC 61850-20 IEC 61850-21 IEC 61850-22 IEC 61850-23 IEC 61850-24 IEC 61850-25 IEC 61850-26 IEC 61850-27 IEC 61850-28 IEC 61850-29 IEC 61850-30 IEC 61850-31 IEC 61850-32 IEC 61850-33 IEC 61850-34 IEC 61850-35 IEC 61850-36 IEC 61850-37 IEC 61850-38 IEC 61850-39 IEC 61850-40 IEC 61850-41 IEC 61850-42 IEC 61850-43 IEC 61850-44 IEC 61850-45 IEC 61850-46 IEC 61850-47 IEC 61850-48 IEC 61850-49 IEC 61850-50 IEC 61850-51 IEC 61850-52 IEC 61850-53 IEC 61850-54 IEC 61850-55 IEC 61850-56 IEC 61850-57 IEC 61850-58 IEC 61850-59 IEC 61850-60 IEC 61850-61 IEC 61850-62 IEC 61850-63 IEC 61850-64 IEC 61850-65 IEC 61850-66 IEC 61850-67 IEC 61850-68 IEC 61850-69 IEC 61850-70 IEC 61850-71 IEC 61850-72 IEC 61850-73 IEC 61850-74 IEC 61850-75 IEC 61850-76 IEC 61850-77 IEC 61850-78 IEC 61850-79 IEC 61850-80 IEC 61850-81 IEC 61850-82 IEC 61850-83 IEC 61850-84 IEC 61850-85 IEC 61850-86 IEC 61850-87 IEC 61850-88 IEC 61850-89 IEC 61850-90 IEC 61850-91 IEC 61850-92 IEC 61850-93 IEC 61850-94 IEC 61850-95 IEC 61850-96 IEC 61850-97 IEC 61850-98 IEC 61850-99 IEC 61850-100	PICO Control Panel PICO Visu Panel PICO Web Panel	10.0 cm (4.0")	762-42018000-002
		MIS			14.5 cm (5.7")	762-42038000-002
		MIS			18 cm (7.0")	762-43038000-002
		MIS			25.7 cm (10.1")	762-43048000-002
		M			29.6 cm (11.6")	762-43058000-002
		M			34.7 cm (13.6")	762-43068000-002
Touch Panels 600 Advanced Line	Cortex A9	MIS	PICO Control Panel PICO Visu Panel PICO Web Panel	10.0 cm (4.0")	762-42018000-001	
		MIS		14.5 cm (5.7")	762-42028000-001	
		MIS		18 cm (7.0")	762-42038000-001	
		M		25.7 cm (10.1")	762-42048000-001	
		M		29.6 cm (11.6")	762-42058000-001	
		M		34.7 cm (13.6")	762-42068000-001	
Touch Panels 600 Marine Line	Cortex A9	MIS	PICO Control Panel PICO Visu Panel	10.0 cm (4.0")	762-43018000-002	
		MIS		14.5 cm (5.7")	762-43028000-002	
		MIS		18 cm (7.0")	762-43038000-002	
		M		25.7 cm (10.1")	762-43048000-002	
		M		29.6 cm (11.6")	762-43058000-002	
		M		34.7 cm (13.6")	762-43068000-002	

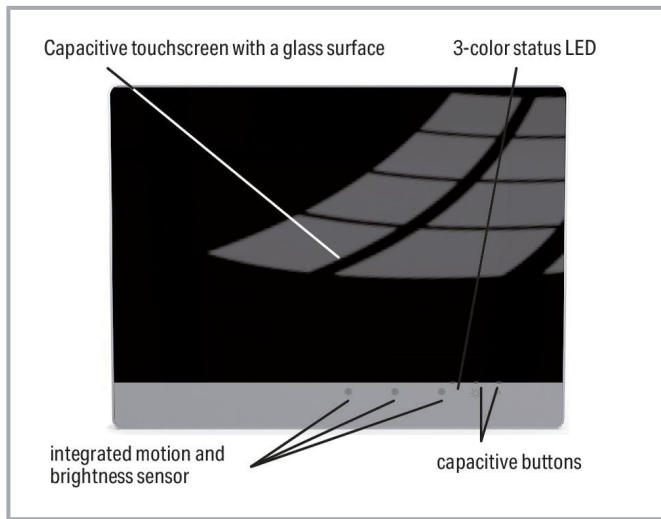
MC Master, S Slave, \*\*requires an additional license, \*\*\*requires an additional license (prerequisite: IEC 61851 runtime environment; 600 license), \*\*\*\*WagoApp/Modbus Library



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

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### Item description

PIO2 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

### 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
ETHERNET protocols	DHCP DNS FTP FTPS HTTP

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

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	HTTPS SSH
Communication	EtherNet/IP™ adapter (slave), library for <i>e!RUNTIME</i> (prerequisite: <i>e!RUNTIME</i> PLC 600 license) Modbus TCP master/slave (prerequisite: <i>e!RUNTIME</i> PLC 600 license) EtherCAT master, <b>requires an additional license</b> (prerequisite: <i>e!RUNTIME</i> PLC 600 license) BACnet/IP, <b>requires an additional license</b> (prerequisite: <i>e!RUNTIME</i> PLC 600 license)
Operating system	Real-time Linux (with RT-Preempt patch)
Processor	ARM® Cortex® A9 Quadcore 1.0 GHz
Programming environment	<i>e!COCKPIT</i> (based on CODESYS V3)
Main memory (RAM)	2,048 MB
Internal memory (flash)	4096 MB
Program memory	32 MB
Data memory	128 MB
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	11.6 W, without USB load; 16.8 W, with USB load

### Connection data

Connection technology: communication/fieldbus	Modbus (TCP): 2 x RJ-45; 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	58 mm / 2.283 inches
Panel cutout (W x H)	(278 x 208) mm

### Mechanical Data

Weight	1580 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	4055143839365
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	-	-

## Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	DNV 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)

## 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)

## Mounting

## Mounting accessories



**Item no.: 762-9001**  
eDISPLAY7300T ; Clamping elements (4 pieces)

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



**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)

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



## Downloads

### Documentation

#### Manual

Product Manual WAGO Touch Panel 600 Advanced Line	V 1.7.0 2022 May 24	pdf 2.4 MB	Download
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#### Bid Text

762-5204/8000-001 X81 - Datei	2019 Feb 19	xml 6.2 kB	Download
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762-5204/8000-001 docx - Datei	2019 Jan 4	docx 22.7 kB	Download
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ausschreiben.de 762-5204/8000-001		URL	Download
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#### 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		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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## Engineering-Software

### e!COCKPIT

e!COCKPIT Register at no cost and test our engineering software for 30 days.	1.11.2.0 2023 Apr 24	zip 4.1 GB	Download
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#### Desktop Application

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



WAGOupload is a stand-alone PC software for transferring, backing up and restoring PLC applications on WAGO 750 Series controllers.

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### CODESYS V3 with WAGO DSP

CODESYS Development System V3 including WAGO Device Support Package

[URL](#)

[Download](#)

Have you not yet installed CODESYS Development System V3? Would you like to program WAGO controllers? Then you've come to the right place!

With CODESYS Development System V3, you program according to the IEC 61131-3 standard. The software enables graphical and textual programming. Create visualizations with the integrated visualization editor.

You benefit from several WAGO libraries that support your application.

You can find it in our WAGO Download Center:

- CODESYS V3.5.x, 64-bit
  - WAGO-Plugins
  - WAGO libraries
  - Device firmware
  - Device description for WAGO controllers
  - ...as well as other WAGO tools and add-ons
- 

### WAGO DSP for CODESYS V3

WAGO Device Support Package for CODESYS Development System V3

[URL](#)

[Download](#)

Have you already installed CODESYS Development System V3 (min. V3.5.17.3) and only need WAGO libraries and device descriptions for the WAGO controllers? Then you've come to the right place!

Use your CODESYS Development System V3 and expand it with the device descriptions of the WAGO controllers and several WAGO libraries.

You can find it in our WAGO Download Center:

- WAGO-Plugins
  - WAGO libraries
  - Device firmware
  - Device descriptions for WAGO controllers
  - ...sowie weitere WAGO-Tools und Add-ons
- 

## 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

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WUP Update (WAGOupload Tool) TP 600

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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 762-5204/8000-001

[URL](#)

[Download](#)

### CAE data

ZUKEN Portal 762-5204/8000-001

[URL](#)

[Download](#)

EPLAN Data Portal 762-5204/8000-001

[URL](#)

[Download](#)

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 762-5204/8000-001

[URL](#)

[Download](#)

Touch Panel 600; 25.7 cm (10.1"); 1280 x 800 pixels; 2 x ETHERNET, 2 x USB, Audio;  
Visu Panel

## Installation Notes

## Product family

**Advanced Line**

[Show all products from the family](#)

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