

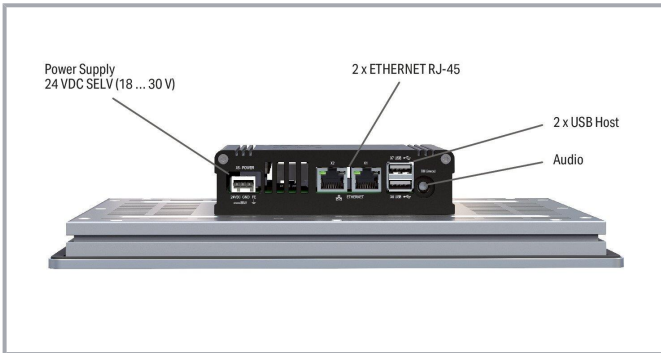


www.wago.com/762-6204/8000-001



Touch Panels 600 Communication Options Overview

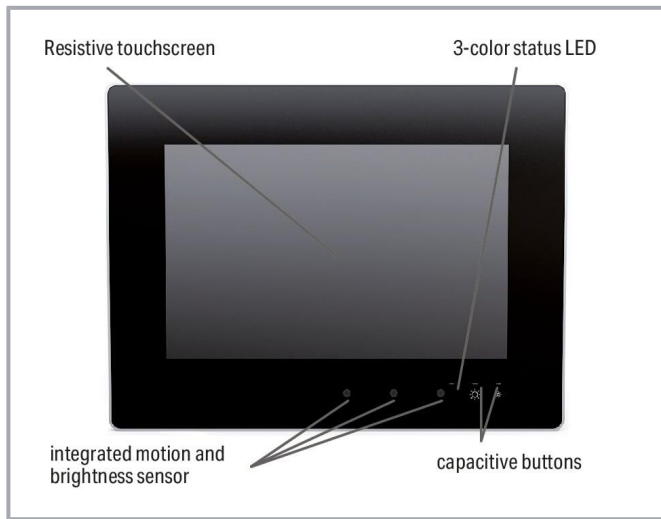
		CPU	Web Browser	Web browser	Modbus (TCP)	Modbus (RTU)**	EtherCAT	Chopper	RS485	OPC UA	OPC UA Security	OPC UA Security	OPC UA Server	Modbus (RTU)**	802.11 Wireless	Product extensions	Hardware	Display Diagonal	Item No.
Touch Panels 600 Standard Line		Cortex A8	Web Browser	Web browser	Modbus (TCP)	Modbus (RTU)**	EtherCAT	Chopper	RS485	OPC UA	OPC UA Security	OPC UA Security	OPC UA Server	Modbus (RTU)**	802.11 Wireless	Product extensions	Hardware	10.0 cm (4.0")	762-42018000-002
																		14.5 cm (5.7")	762-42028000-002
																		18 cm (7.0")	762-43038000-002
Touch Panels 600 Advanced Line		Cortex A8	Web Browser	Web browser	Modbus (TCP)	Modbus (RTU)**	EtherCAT	Chopper	RS485	OPC UA	OPC UA Security	OPC UA Security	OPC UA Server	Modbus (RTU)**	802.11 Wireless	Product extensions	Hardware	10.0 cm (4.0")	762-42018000-001
																		14.5 cm (5.7")	762-42028000-001
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Touch Panels 600 Marine Line		Cortex A8	Web Browser	Web browser	Modbus (TCP)	Modbus (RTU)**	EtherCAT	Chopper	RS485	OPC UA	OPC UA Security	OPC UA Security	OPC UA Server	Modbus (RTU)**	802.11 Wireless	Product extensions	Hardware	10.0 cm (4.0")	762-42018000-002
																		14.5 cm (5.7")	762-42028000-002
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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	Resistive touchscreen (black front)
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 ²
Visualization	Web server Web-Visu Webserver Web Visu
ETHERNET protocols	DHCP DNS FTP FTPS HTTP

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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, requires an additional license (prerequisite: <i>e!RUNTIME</i> PLC 600 license) BACnet/IP, requires an additional license (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	Resistive touch panel; 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	1509 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	4055143839280
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

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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	-	-

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 eIDISPLAY7300T ; Clamping elements (4 pieces)	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
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Software


Software applications

	Item no.: 2759-208/211-1000 Library MTP; Single License; Online activation	www.wago.com/2759-208/211-1000
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Memory card

Memory card

	Item no.: 758-879/000-3102 Memory Card SD Micro; 2 GByte	www.wago.com/758-879/000-3102
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	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
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Downloads Documentation

Manual

Product Manual WAGO Touch Panel 600 Marine Line	V 1.5.0 2022 May 24	pdf 2.4 MB	Download
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Bid Text

762-6204/8000-001 X81 - Datei	2019 Feb 19	xml 6.0 kB	Download
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762-6204/8000-001 docx - Datei	2019 Jan 4	docx 22.7 kB	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

WAGUpload WAGUpload is a stand-alone PC software for transferring, backing up and restoring PLC applications on WAGO 750 Series controllers.		URL	Download
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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 762-6204/8000-001	URL	Download
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CAE data

ZUKEN Portal 762-6204/8000-001	URL	Download
EPLAN Data Portal 762-6204/8000-001	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 762-6204/8000-001 Touch Panel 600; 25.7 cm (10.1""); 1280 x 800 pixels; 2 x ETHERNET, 2 x USB, Audio; Visu Panel	URL	Download
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Installation Notes

Product family

Marine Line

[Show all products from the family](#)

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