

Data sheet | Item number: 762-5204/8000-001

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



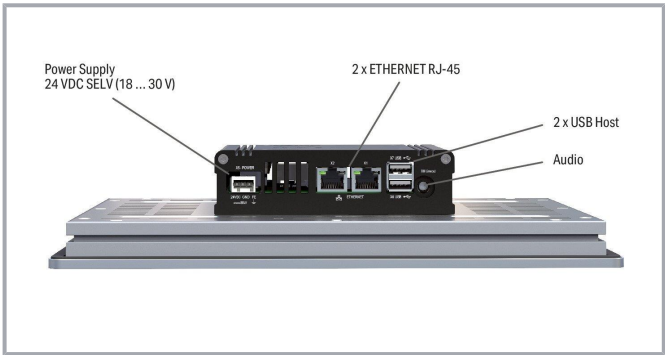
www.wago.com/762-5204/8000-001



Touch Panels 600 Communication Options Overview

	CPU	On Board										Product extensions			
		Modbus RTU (RS-485)	Modbus TCP (Ethernet)	Modbus ASCII	Modbus Plus	Modbus CAN	Modbus DNP3	Modbus IEC 61850	Modbus IEC 61850-2	Modbus IEC 61850-3	Modbus IEC 61850-4	Modbus IEC 61850-5	Modbus IEC 61850-6	Modbus IEC 61850-7	Modbus IEC 61850-8
Touch Panels 600 Standard Line	Cortex A9	x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Touch Panels 600 Advanced Line	Cortex A9	x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Touch Panels 600 Marine Line	Cortex A9	x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x

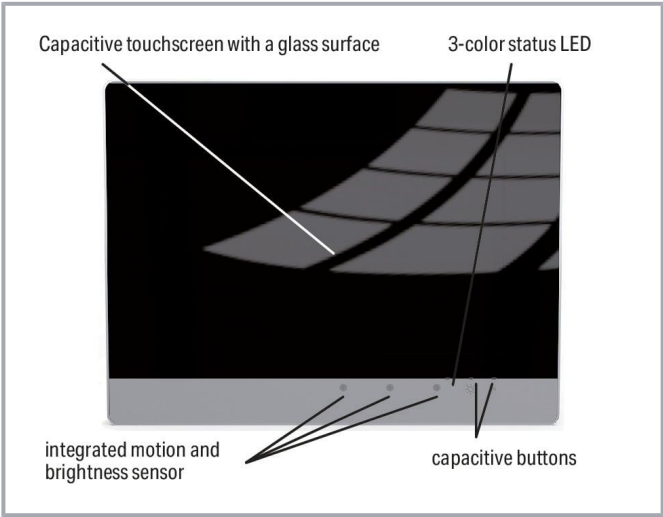
MC Master, S Slave; *requires an additional license; **requires an additional license (proprietary); ***requires a runtime environment; 600 license; ****WagoAppPiModbus Library



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 ²
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!



	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	capacitive (glass), 2 capacitive keys, proximity sensor
Supply voltage	24 VDC, SELV (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
Front panel	

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

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

Declarations of conformity and manufacturer's declarations

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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



Item no.: 762-9324
 Flush-Mounted Housing for Touch Panel 600; 25.7 cm (10.1"); 80.0 mm

www.wago.com/762-9324

Software

Software application



Item no.: 2759-208/211-1000
 Library MTP; Single License; Online activation

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



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 Advanced Line	1.8.0 2023 Dec 4	pdf 3.9 MB	Download
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Bid Text

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

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 513.5 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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Configuration and Commissioning Software

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WAGUpload	1.16.1.0	zip	Download
WAGUpload is a stand-alone PC software for transferring, backing up and restoring PLC applications on WAGO 750 Series controllers.	2022 Feb 2	12.4 MB	

CODESYS V3 with WAGO DSP

CODESYS Development System V3 including WAGO Device Support Package	URL	Download
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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
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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

TP 600 Codesys V3.5 Firmware	V 25	zip	Download
TP 600 Codesys V3.5 Firmware	2023 Jul 14	22 B	

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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 762-5204/8000-001	URL	Download
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CAE data

ZUKEN Portal 762-5204/8000-001	URL	Download
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EPLAN Data Portal 762-5204/8000-001	URL	Download
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Asset Administration Shell

Asset Administration Shell 762-5204/8000-001	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 762-5204/8000-001 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

Advanced Line

[Show all products from the family](#)

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