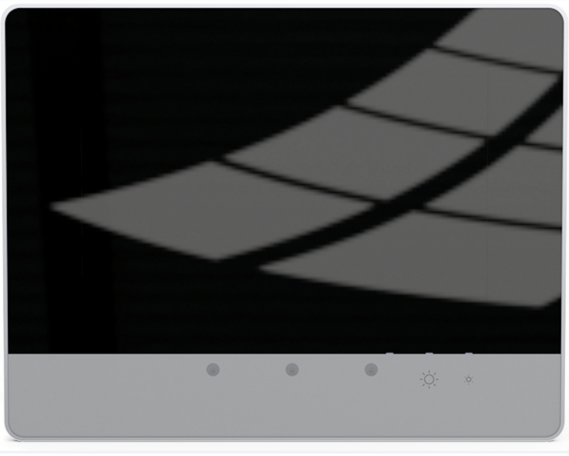
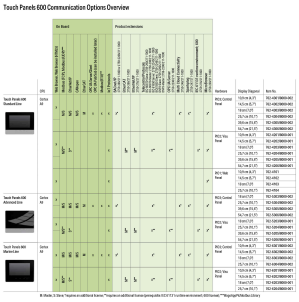
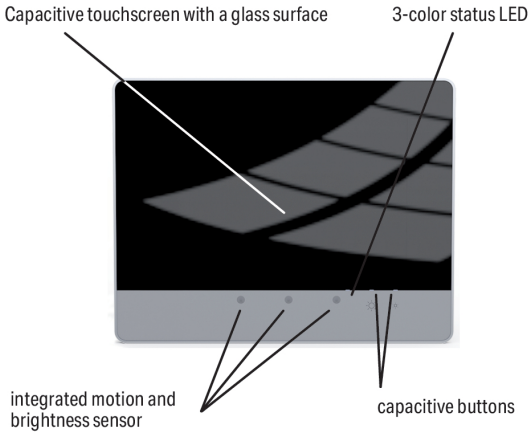
Data Sheet | Item Number: 762-5203/8000-001

Touch Panel 600; 17.8 cm (7.0"); 800 x 480 pixels; 2 x ETHERNET, 2 x USB, Audio; Visu Panel

https://www.wago.com/762-5203/8000-001







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

Technical data	
Display diagonal	17.8 cm (7 inches)
Display	Multitouch glass front; capacitive touchscreen with a glass surface
Display colors	16 million colors
Graphics resolution	(800 x 480) px
Contrast ratio	800:1
Viewing angle (horizontal/vertical)	89° / 89°
Brightness	450 cd/m²
Visualization	Web server Web-Visu
ETHERNET protocols	DHCP DNS FTP FTPS HTTP HTTPS SSH

Technical data

Telecontrol protocols	IEC 60870 (additional license as slave or master) IEC 61850 (additional license as Client or Server) DNP3 (additional license as Slave or Master)
Communications	Web browser Web browser (HTML5) Modbus TCP master/slave Modbus (UDP), WagoAppPlcModbus Library ETHERNET EtherNet/IP™ Adapter (slave) EtherNet/IP™ Scanner EtherCAT® Master OPC UA Server/Client OPC UA Pub/Sub (can be installed later) MQTT Telecontrol protocols, **requires an additional license** MicroBrowser (including visualization of CODESYS V2.3), requires an additional license
Interfaces (USB)	2 x USB host 2.0 (type A)
Onboard I/Os	Audio
Operating system	Real-time Linux (with PREEMPT_RT patch)
Processor	ARM® Cortex® A9 Quad-Core 1.0 GHz
Programming environment	CODESYS V3.5, Firmware Release 24 or higher ***e!****COCKPIT* (based on CODESYS V3) up to Firmware Release 22
Main memory (RAM)	2048 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)
Control Elements	capacitive (glass), 2 capacitive keys, proximity sensor
Supply voltage	24 VDC, SELV (18 … 31.2 V); with reverse voltage protection
Input current (typ.)	420 mA, without USB load; 720 mA, with USB load
Operating power	8.6 W, without USB load; 13.7 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 (734-103/037-000) with three CAGE CLAMP® connections

Physical data

Width	213 mm / 8.386 inches
Height	167 mm / 6.575 inches
Depth	58 mm / 2.283 inches
Panel cutout (W x H)	(198 x 152) mm

Mechanical data

Mounting type	Clamping elements (included) or VESA mount (4 x M4x8)

Material data

Fire load	0.003 MJ
Weight	1100 g

Continued on next page

Environmental requirements

Ambient temperature (operation)	-20 … +55 °C (Vertical mounting position; -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 %

Data Act

Pre-contractual Information	Data-Act-AUT-Produkte-HMI

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143839297
Customs tariff number	84714100000

Product Classification

UNSPSC	43211903
ETIM 9.0	EC001414
ETIM 10.0	EC001414
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03083
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

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Continued on next page

Approvals for marine applications

Approval	Standard	Certificate Name
DNV DNV Germany GmbH	-	TAA00001FS

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
762-5203/8000-001

Documentation

Manual

Product Manual WAGO Touch Panel 600	1.9.0 16.08.2024	pdf 2468.51 KB

System Description

Touch Panel 600, system description	pdf 512.48 KB

Tutorial

Establish connection to a controller using SSH	1.0 05.08.2017	mp4 28368.02 KB

Additional Information

WAGO OPC UA Server	V 1.1.0 28.01.2021	pdf 1132.87 KB

Bid Text

762-5203/8000-001	19.02.2019	xml 6.03 KB
762-5203/8000-001	04.01.2019	docx 22.21 KB
ausschreiben.de 762-5203/8000-001		

CAD/CAE-Data

CAD data

2D/3D Models
762-5203/8000-001

CAE data

EPLAN Data Portal
762-5203/8000-001

ZUKEN Portal
762-5203/8000-001

Continued on next page

Engineering-Software

Configuration and Commissioning Software			
WAGOupload	1.16.1.0 02.02.2022	zip 12111.45 KB	

Runtime Software

Firmware			
TP 600 Codesys V3.5 Firmware	V 25 14.07.2023	zip 0.02 KB	
Image Update (SD Karte) TP 600	V 22 SP1 14.12.2022	zip 215605.05 KB	
WUP Update (WAGOupload Tool) TP 600	V 22 SP1 14.12.2022	zip 213841.16 KB	

1 Compatible Products

1.1 Product Expansions

1.1.1 Runtime software



Item No.: 2759-2296/211-1000
Runtime; DNP3 Master; L; Single License; Online activation



Item No.: 2759-2291/211-1000
Runtime; DNP3 Slave; L; Single License; Online activation



Item No.: 2759-296/211-1000
Runtime; IEC60870 Master; L; Single License; Online activation



Item No.: 2759-291/211-1000
Runtime; IEC60870 Slave; L; Single License; Online activation



Item No.: 2759-2246/211-1000
Runtime; IEC61850 Client; L; Single License; Online activation



Item No.: 2759-2241/211-1000
Runtime; IEC61850 Server; L; Single License; Online activation



Item No.: 2759-230/211-1000
Runtime; MicroBrowser; Single License; Online activation

1.2 Optional Accessories

1.2.1 Installation

1.2.1.1 Mounting accessories



Item No.: 762-9001
e!DISPLAY7300T ; Clamping elements (4 pieces)

Continued on next page

1.2.2 Memory card

1.2.2.1 Memory card

Item No.: 758-879/000-3116
Memory Card SD Micro; pSLC-NAND; 16 GB; Temperature range: -40 to 85°C