

# Data Sheet | Item Number: 762-6301/8000-002

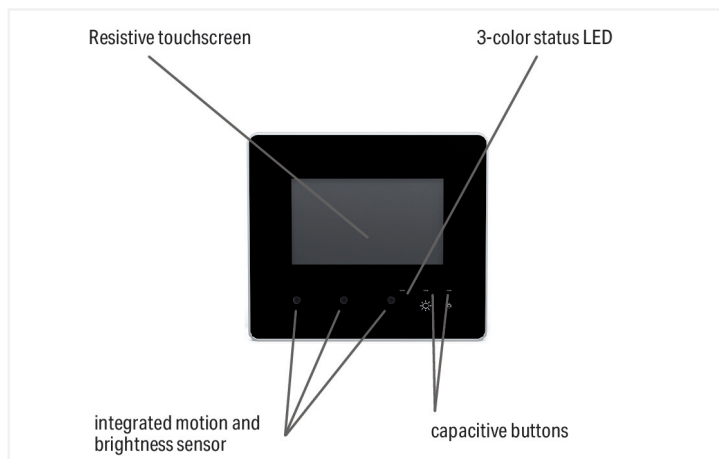
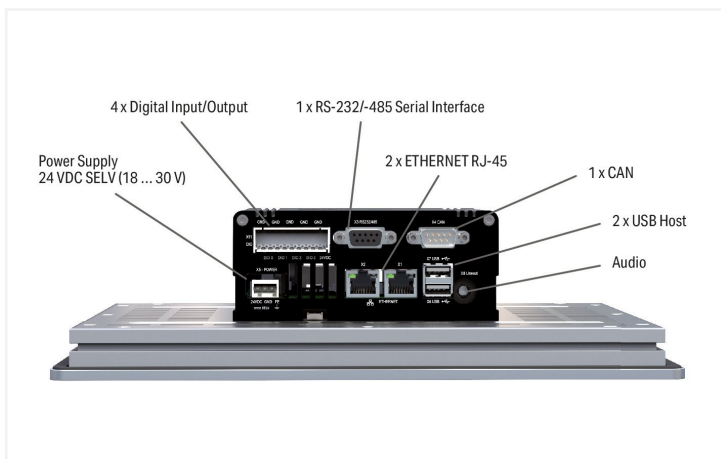
Touch Panel 600; 10.9 cm (4.3"); 480 x 272 pixels; 2 x ETHERNET, 2 x USB, CAN, DI/DO, RS-232/485, Audio; Control Panel

<https://www.wago.com/762-6301/8000-002>



Touch Panel 600 Communication Options Overview

Option	Part Number	Price	Availability
Touch Panel 600	762-6301-0000-000	1000	Available
Touch Panel 600 with CAN	762-6301-0000-001	1050	Available
Touch Panel 600 with RS-232/485	762-6301-0000-002	1050	Available
Touch Panel 600 with 2x Ethernet	762-6301-0000-003	1100	Available
Touch Panel 600 with 2x USB	762-6301-0000-004	1100	Available
Touch Panel 600 with Audio	762-6301-0000-005	1100	Available
Touch Panel 600 with 4x Digital I/O	762-6301-0000-006	1150	Available
Touch Panel 600 with 1x CAN, 1x RS-232/485, 2x Ethernet, 2x USB, Audio, 4x Digital I/O	762-6301-0000-007	1300	Available



## 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

Technical data	
Display diagonal	10.9 cm (4.3 inches)
Display	Resistive touchscreen (black front)
Display colors	16 million colors
Graphics resolution	(480 x 272) px
Contrast ratio	600:1
Viewing angle (horizontal/vertical)	80° / 80°
Brightness	500 cd/m <sup>2</sup>
Visualization	Web server Web-Visu Target Visu
ETHERNET protocols	DHCP DNS FTP FTPS HTTP HTTPS SSH

## Technical data

Communication	Web browser Web browser (HTML5) Modbus TCP master/slave Modbus (UDP), WagoAppPlicModbus Library Modbus (RTU), WagoAppPlicModbus Library ETHERNET EtherNet/IP™ Adapter (slave) EtherNet/IP™ Scanner CANopen EtherCAT® Master OPC UA Server/Client OPC UA Pub/Sub (can be installed later) MQTT RS-232 serial interface RS-485 interface BACnet/IP, <b>requires an additional license</b> Telecontrol protocols, <b>requires an additional license</b> MicroBrowser (including 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, 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
Non-volatile software memory	128 KB
Type of memory card	microSD (max. 2 GB); microSDHC (max. 32 GB)
Indicators	Three-color LED (red, green, blue)
Controls	Resistive touch panel, two capacitive keys, proximity sensor
Supply voltage	24 VDC, SELV (18 ... 31.2 V); with reverse voltage protection
Operating power	6.0 W, without USB load; 11.5 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	155 mm / 6.102 inches
Height	135 mm / 5.315 inches
Depth	78 mm / 3.070 inches
Panel cutout (W x H)	(140 x 120) mm

## Mechanical data

Weight	690 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 MJ

**Commercial data**

ETIM 8.0	EC001414
ETIM 7.0	EC001414
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143942294
Customs tariff number	84714100000

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Approvals / Certificates**

**General approvals** **Declarations of conformity and manufacturer's declarations**



Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs- stelle	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 LOCATI- ONS)	UL 61010-2-201	E175199

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

**Approvals for marine applications**



Approval	Standard	Certificate Name
DNV DNV Germany GmbH	DNV-CG-0339, Aug. 2021	TAA00001FS

**Downloads**

**Environmental Product Compliance**

<b>Compliance Search</b>
Environmental Product Compliance 762-6301/8000-002

## Documentation

Manual			
Product Manual WAGO Touch Panel 600	V 1.5.0 24.05.2022	pdf 2379.58 KB	<a href="#">↓</a>
Migration Guide	V 1.3.0 03.07.2023	pdf 4938.74 KB	<a href="#">↓</a>
Migrationsleitfaden von e!COCKPIT-Projekten zu CODESYS V3.5			<a href="#">↓</a>

System Description		
Touch Panel 600, system description	pdf 512.48 KB	<a href="#">↓</a>

Additional Information			
WAGO OPC UA Server	V 1.1.0 28.01.2021	pdf 1132.87 KB	<a href="#">↓</a>

Bid Text		
762-6301/8000-002	xml 6.75 KB	<a href="#">↓</a>
762-6301/8000-002	docx 19.46 KB	<a href="#">↓</a>

## Application Notes

Application Note e!COCKPIT			
e!COCKPIT Anwendungshinweis HVAC BACnet Macros (a2021010)	1.3.0 27.02.2023	zip 67588.63 KB	<a href="#">↓</a>

## CAD/CAE-Data

CAD data	
2D/3D Models 762-6301/8000-002	<a href="#">↓</a>

CAE data	
EPLAN Data Portal 762-6301/8000-002	<a href="#">↓</a>
ZUKEN Portal 762-6301/8000-002	<a href="#">↓</a>

## Engineering-Software

Configuration and Commissioning Software			
WAGUpload	1.16.1.0 02.02.2022	zip 12111.45 KB	<a href="#">↓</a>

## Runtime Software

Firmware			
Image Update (SD Karte) TP 600	V 22 SP1 14.12.2022	zip 215605.05 KB	<a href="#">↓</a>
WUP Update (WAGUpload Tool) TP 600	V 22 SP1 14.12.2022	zip 213841.16 KB	<a href="#">↓</a>

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Installation

##### 1.1.1.1 Mounting accessories



**Item No.: 762-9001**

e!DISPLAY7300T ; Clamping elements (4 pieces)

### 1.1.2 Memory card

#### 1.1.2.1 Memory card



**Item No.: 758-879/000-3102**

Memory Card SD Micro; 2 GByte



**Item No.: 758-879/000-3108**

Memory Card SD Micro; pSLC-NAND; 8 GB; Temperature range: -40 to 90°C

### 1.1.3 Software

#### 1.1.3.1 Software application



**Item No.: 2759-208/211-1000**

Library MTP; Single License; Online activation