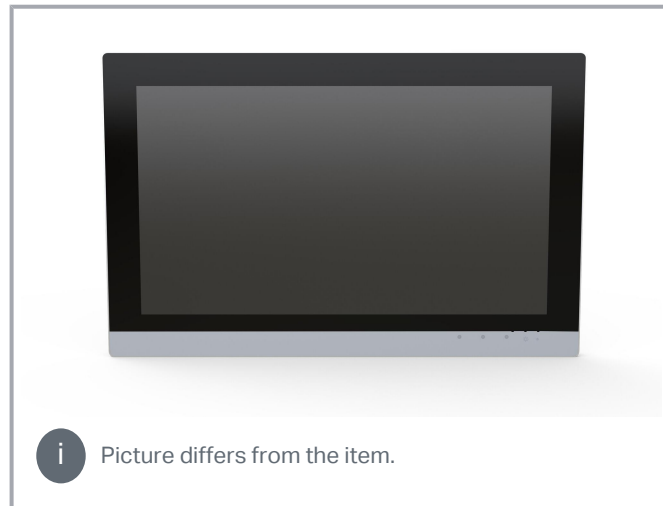


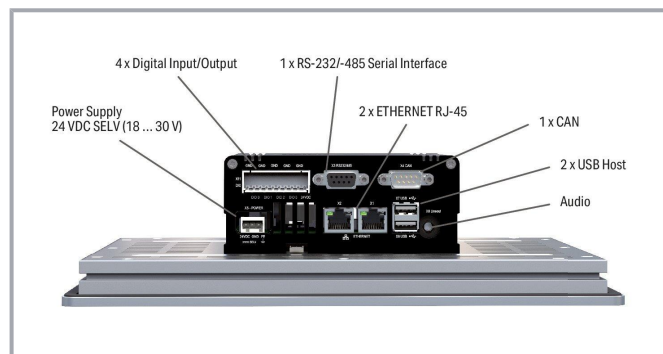
## Data sheet | Item number: 762-5306/8000-002

Touch Panel 600; 54.6 cm (21.5"); 1920 x 1080 pixels; 2 x ETHERNET, 2 x USB, CAN, DI/DO, RS-232/485, Audio; Control Panel

[www.wago.com/762-5306/8000-002](http://www.wago.com/762-5306/8000-002)



| Touch Panels 600 Communication Options Overview |           |                     |                       |              |                      |                      |                      |                      |                      |                      |                      |
|-------------------------------------------------|-----------|---------------------|-----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                                 | CPU       | On Board            |                       |              |                      |                      | Product extensions   |                      |                      |                      |                      |
|                                                 |           | Modbus RTU (RS-485) | Modbus TCP (Ethernet) | Modbus ASCII | Modbus ASCII (ASCII) | Modbus ASCII (ASCII) | Modbus ASCII (ASCII) | Modbus ASCII (ASCII) | Modbus ASCII (ASCII) | Modbus ASCII (ASCII) | Modbus ASCII (ASCII) |
| Touch Panels 600 Standard Line                  | Cortex A9 | ✓                   | ✓                     | ✓            | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    |
|                                                 |           | ✓                   | ✓                     | ✓            | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    |
|                                                 |           | ✓                   | ✓                     | ✓            | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    |
|                                                 |           | ✓                   | ✓                     | ✓            | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    |
| Touch Panels 600 Advanced Line                  | Cortex A9 | ✓                   | ✓                     | ✓            | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    |
|                                                 |           | ✓                   | ✓                     | ✓            | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    |
|                                                 |           | ✓                   | ✓                     | ✓            | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    |
|                                                 |           | ✓                   | ✓                     | ✓            | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    |
| Touch Panels 600 Marine Line                    | Cortex A9 | ✓                   | ✓                     | ✓            | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    |
|                                                 |           | ✓                   | ✓                     | ✓            | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    |
|                                                 |           | ✓                   | ✓                     | ✓            | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    |
|                                                 |           | ✓                   | ✓                     | ✓            | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    | ✓                    |



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## Item description

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

## Data

### Technical data

|                                     |                                                                                                                                                                                                                                          |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display diagonal                    | 54.7 cm (21.5 inches)                                                                                                                                                                                                                    |
| Display                             | Multitouch glass front; Capacitive touchscreen with a glass surface                                                                                                                                                                      |
| Display colors                      | 16.7 million colors                                                                                                                                                                                                                      |
| Graphics resolution                 | (1920 x 1080) px                                                                                                                                                                                                                         |
| Contrast ratio                      | 1000:1                                                                                                                                                                                                                                   |
| Viewing angle (horizontal/vertical) | 89° / 89°                                                                                                                                                                                                                                |
| Brightness                          | 350 cd/m <sup>2</sup>                                                                                                                                                                                                                    |
| Visualization                       | Web server<br>Web-Visu<br>Target Visu                                                                                                                                                                                                    |
| ETHERNET protocols                  | DHCP<br>DNS<br>FTP<br>FTPS<br>HTTP<br>HTTPS<br>SSH                                                                                                                                                                                       |
| Communication                       | Web browser<br>Web browser (HTML5)<br>Modbus TCP master/slave<br>Modbus (UDP), WagoAppPlcModbus Library<br>Modbus (RTU), WagoAppPlcModbus Library<br>ETHERNET<br><br>EtherNet/IP™ Adapter (slave)<br><br>EtherNet/IP™ Scanner<br>CANopen |

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EtherCAT® Master  
 OPC UA Server/Client  
 OPC UA Pub/Sub (can be installed later)  
 MQTT  
 RS-232 serial interface  
 RS-485 interface  
 BACnet/IP, **requires an additional license**  
 Telecontrol protocols, **requires an additional license**  
 MicroBrowser (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, from firmware release 24<br><i>e!COCKPIT</i> (based on CODESYS V3), up to firmware release 22 |
| Main memory (RAM)            | 2,048 MB                                                                                                    |
| Internal memory (flash)      | 4096 MB                                                                                                     |
| Program memory               | 32 MB                                                                                                       |
| Data memory                  | 128 MB                                                                                                      |
| Non-volatile software memory | 128. Kbytes                                                                                                 |
| 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              | 8.4 W, without USB load; 13.9 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                | 554 mm / 21.811 inches |
| Height               | 358 mm / 14.094 inches |
| Depth                | 78 mm / 3.070 inches   |
| Panel cutout (W x H) | (540 x 344) mm         |

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## Mechanical Data

|        |        |
|--------|--------|
| Weight | 5600 g |
|--------|--------|

## Environmental requirements

|                                          |                                                                                 |
|------------------------------------------|---------------------------------------------------------------------------------|
| Ambient temperature (operation)          | 0 ... +45 °C (when mounted vertically; -0 ... +40 °C, other mounting positions) |
| Ambient temperature (storage)            | -20 ... +60 °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)                                                    |

## Commercial data

|                       |               |
|-----------------------|---------------|
| ETIM 8.0              | EC001414      |
| ETIM 7.0              | EC001414      |
| PU (SPU)              | 1 pcs         |
| Country of origin     | DE            |
| GTIN                  | 4066966056341 |
| Customs tariff number | 84714100000   |

## Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

## Approvals / Certificates

### General approvals

| Logo                                                                               | Approval                                                         | Additional Approval Text | Certificate name            |
|------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------|-----------------------------|
|  | <b>EAC</b><br>Brjansker Zertifizierungsstelle                    | TP TC 020/2011           | EAC RU C-DE.AM02.B.00087/19 |
|   | <b>KC</b><br>National Radio Research Agency                      | Article 58-2, Clause 3   | MSIP-REM-W43-WBP762         |
|                                                                                    | <b>UL</b><br>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<br>WAGO GmbH & Co. KG | -                        | -                |

## Optional accessories

## Mounting

## Mounting accessories



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

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

## 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)

## 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)

## Downloads

## Documentation

## Manual

|                                                      |                        |               |          |
|------------------------------------------------------|------------------------|---------------|----------|
| Product Manual WAGO Touch Panel 600<br>Advanced Line | V 1.7.0<br>2022 May 24 | pdf<br>2.4 MB | Download |
|------------------------------------------------------|------------------------|---------------|----------|

|                                                         |     |          |
|---------------------------------------------------------|-----|----------|
| Migration Guide from e!COCKPIT projects to CODESYS V3.5 | URL | Download |
|---------------------------------------------------------|-----|----------|

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[Online Help \(HTML\)](#)**Bid Text**

|                                   |                 |          |
|-----------------------------------|-----------------|----------|
| 762-5306/8000-002<br>docx - Datei | docx<br>20.3 kB | Download |
| 762-5306/8000-002<br>X81 - Datei  | xml<br>7.4 kB   | Download |
| ausschreiben.de 762-5306/8000-002 | URL             | Download |

**System Description**

|                                     |                 |          |
|-------------------------------------|-----------------|----------|
| Touch Panel 600, system description | pdf<br>151.9 kB | Download |
|-------------------------------------|-----------------|----------|

**Additional Information**

|                    |                        |               |          |
|--------------------|------------------------|---------------|----------|
| WAGO OPC UA Server | V 1.1.0<br>2021 Jan 28 | pdf<br>1.2 MB | Download |
|--------------------|------------------------|---------------|----------|

**Application Notes****Application Note e!COCKPIT**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |                |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------|----------|
| e!COCKPIT Application Note WAGO Visualization Datalogger (a2022005)<br>WAGO Visualization Datalogger is a Web application that can be used as a visualization tool for the recorded data of the datalogger library (WAGOAppDatalogger).<br>WAGO Visualization Datalogger does not replace the datalogger but is rather a supplementary function. It is an HTML/Javascript application available via the Webserver on the controller. The user launches the Web application in a browser. | 20230505<br>2023 May 5 | zip<br>4.1 MB  | Download |
| e!COCKPIT Anwendungshinweis HVAC BACnet Macros (a2021010)<br>Basierend auf der Bibliothek WagoAppBuildingHVAC_BACnet stellt WAGO in dem Bereich Heizung, Lüftung und Klimatisierung verschieden HLK-Anlagenmakros mit BACnet-Anbindung zur Verfügung.                                                                                                                                                                                                                                    | 1.3.0<br>2023 Feb 27   | zip<br>69.2 MB | Download |

**Engineering-Software****Desktop Application**

|            |     |          |
|------------|-----|----------|
| WAGOUpload | URL | Download |
|------------|-----|----------|

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

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## Runtime Software

### Firmware

|                                                                            |                         |                 |          |
|----------------------------------------------------------------------------|-------------------------|-----------------|----------|
| Image Update (SD Karte) TP 600<br>WAGO_FW0762-4xxx_V031010_IX22_SP1_I      | V 22 SP1<br>2022 Dec 14 | zip<br>220.8 MB | Download |
| WUP Update (WAGOupload Tool) TP 600<br>WAGO_FW0762-4xxx_V031010_IX22_SP1_W | V 22 SP1<br>2022 Dec 14 | zip<br>219.0 MB | Download |

## CAD/CAE-Data

### CAD data

|                                |     |          |
|--------------------------------|-----|----------|
| 2D/3D Models 762-5306/8000-002 | URL | Download |
|--------------------------------|-----|----------|

### CAE data

|                                     |     |          |
|-------------------------------------|-----|----------|
| ZUKEN Portal 762-5306/8000-002      | URL | Download |
| EPLAN Data Portal 762-5306/8000-002 | URL | Download |

## Environmental Product Compliance

### Compliance Search

|                                                                                                                                                                                 |     |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 762-5306/8000-002<br>Touch Panel 600; 54.6 cm (21.5"); 1920 x 1080 pixels; 2 x ETHERNET, 2 x USB, CAN, DI/DO, RS-232/485, Audio; Control Panel | URL | Download |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|

## Installation Notes

## Product family

### Advanced Line

[Show all products from the family](#)

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