

Overview



SIMATIC HMI Unified Comfort Panels

The new generation of high-end, 7–22-inch operator panels, part of the new SIMATIC WinCC Unified System, boasts numerous improvements over the predecessor devices in terms of performance, openness and user-friendliness.

Thanks to their capacitive glass front with multi-touch technology, the Unified Comfort Panels are as convenient to use as a smartphone or tablet. The sharp colors and high contrast improve the readability and ease of use.

Visualization on the devices is based on SIMATIC WinCC Unified, the new visualization system in the TIA Portal. This opens up many new opportunities and functionalities for the user – across all device sizes.

Brand new to the SIMATIC HMI product portfolio is the option to expand device functionality with apps. Previously, HMI Panels were used exclusively for visualization software. Thanks to the integration of Siemens Industrial Edge, users can now run other programs simultaneously alongside this standard device functionality. Project-specific requirements can thus be implemented quickly and easily.

The following SIMATIC HMI Unified Comfort Panels are available:

- Standard design:
 - MTP700 Comfort
 - MTP1000 Comfort
 - MTP1200 Comfort
 - MTP1500 Comfort
 - MTP1900 Comfort
 - MTP2200 Comfort
- Neutral design:
 - MTP700 Comfort
 - MTP1000 Comfort
 - MTP1200 Comfort
 - MTP1500 Comfort
 - MTP1900 Comfort
 - MTP2200 Comfort

Starter Kits are available for standard design devices.

These consist of:

- HMI Unified Comfort Panel
- WinCC Unified V16 Comfort
- EDGE Runtime for Unified Comfort (Device-managed) license
- 1.5 m PROFINET cable
- Memory card (32 GB)
- Protective film

SIMATIC WinCC Unified options

- WinCC Unified Audit Basis
- WinCC Unified Clients (Operate Client and Monitor Client)
- WinCC Unified Database Storage
- WinCC Unified Logging
- WinCC Unified Parameter Control
- WinCC Unified Report Execution
- WinCC Unified Collaboration

Operator panels

Advanced HMI Panel-based
SIMATIC HMI Unified Comfort Panels

SIMATIC HMI Unified Comfort Panels Standard

Overview



SIMATIC HMI MTP2200 Unified Comfort Panel Standard design front view

SIMATIC HMI Unified Comfort Panels - standard devices

SIMATIC HMI Unified Comfort Panels consist of six different devices with varying display sizes. All devices come with the same number of hardware interfaces and the same functionality – just select the perfect device for your needs based on the screen size.

Each Unified Comfort Panel is available in the standard design with Siemens and SIMATIC HMI branding and a silver-colored aluminum frame.

All Unified Comfort Panels come with integrated Edge functionality.

Siemens Industrial Edge can be used in two different ways:

- Device-managed Edge
- Centrally-managed Edge (planned)

SIMATIC HMI Unified Comfort Panels can also be ordered with a neutral design. Starter Kits are available for standard design devices.

Note:

The technical specifications of the neutral design devices correspond to the technical specifications of the devices with standard design.

Ordering data

Article No.

Touch devices for SIMATIC HMI Unified Comfort Panels

Standard design

SIMATIC HMI MTP700 Unified Comfort Panel

7" widescreen TFT display, touch operation, 16 million colors, PROFINET interface, configurable as of WinCC Unified Comfort V16

- Contains open source SW which is provided free of charge See enclosed Blu-Ray
- With additional certifications for explosion-proof areas and for use in shipbuilding (see technical specifications). Contains open source SW, which is provided free of charge See enclosed DVD

6AV2128-3GB06-0AX0

6AV2128-3GB06-0AX1

SIMATIC HMI MTP1000 Unified Comfort Panel

10.1" widescreen TFT display, touch operation, 16 million colors, PROFINET interface, configurable as of WinCC Unified Comfort V16

- Contains open source SW which is provided free of charge See enclosed Blu-Ray
- With additional certifications for explosion-proof areas and for use in shipbuilding (see technical specifications). Contains open source SW, which is provided free of charge See enclosed DVD

6AV2128-3KB06-0AX0

6AV2128-3KB06-0AX1

SIMATIC HMI MTP1200 Unified Comfort Panel

12.1" widescreen TFT display, touch operation, 16 million colors, PROFINET interface, configurable as of WinCC Unified Comfort V16

- Contains open source SW which is provided free of charge See enclosed Blu-Ray
- With additional certifications for explosion-proof areas and for use in shipbuilding (see technical specifications). Contains open source SW, which is provided free of charge See enclosed DVD

6AV2128-3MB06-0AX0

6AV2128-3MB06-0AX1

Ordering data	Article No.	Article No.	
<p>SIMATIC HMI MTP1500 Unified Comfort Panel</p> <p>15.6" widescreen TFT display, touch operation, 16 million colors, PROFINET interface, configurable as of WinCC Unified Comfort V16</p> <ul style="list-style-type: none"> • Contains open source SW which is provided free of charge See enclosed Blu-Ray • With additional certifications for explosion-proof areas and for use in shipbuilding (see technical specifications). Contains open source SW, which is provided free of charge See enclosed DVD 	<p>6AV2128-3QB06-0AX0</p> <p>6AV2128-3QB06-0AX1</p>	<p>Neutral design</p> <p>SIMATIC HMI MTP700 Unified Comfort Panel</p> <p>Neutral, touch operation; 7" widescreen TFT display, 16 million colors, PROFINET interface, configurable as of WinCC Unified Comfort V16</p> <ul style="list-style-type: none"> • Contains open source SW which is provided free of charge See enclosed Blu-Ray • With additional certifications for explosion-proof areas and for use in shipbuilding (see technical specifications). Contains open source SW, which is provided free of charge See enclosed DVD 	<p>6AV2128-3GB36-0AX0</p> <p>6AV2128-3GB36-0AX1</p>
<p>SIMATIC HMI MTP1900 Unified Comfort Panel</p> <p>18.5" widescreen TFT display, touch operation, 16 million colors, PROFINET interface, configurable as of WinCC Unified Comfort V16</p> <ul style="list-style-type: none"> • Contains open source SW which is provided free of charge See enclosed Blu-Ray • With additional certifications for explosion-proof areas and for use in shipbuilding (see technical specifications). Contains open source SW, which is provided free of charge See enclosed DVD 	<p>6AV2128-3UB06-0AX0</p> <p>6AV2128-3UB06-0AX1</p>	<p>SIMATIC HMI MTP1000 Unified Comfort Panel</p> <p>Neutral, touch operation, 10.1" widescreen TFT display, 16 million colors, PROFINET interface, configurable as of WinCC Unified Comfort V16</p> <ul style="list-style-type: none"> • Contains open source SW which is provided free of charge See enclosed Blu-Ray • With additional certifications for explosion-proof areas and for use in shipbuilding (see technical specifications). Contains open source SW, which is provided free of charge See enclosed DVD 	<p>6AV2128-3KB36-0AX0</p> <p>6AV2128-3KB36-0AX1</p>
<p>SIMATIC HMI MTP2200 Unified Comfort Panel</p> <p>21.5" widescreen TFT display, touch operation, 16 million colors, PROFINET interface, configurable as of WinCC Unified Comfort V16</p> <ul style="list-style-type: none"> • Contains open source SW which is provided free of charge See enclosed Blu-Ray • With additional certifications for explosion-proof areas and for use in shipbuilding (see technical specifications). Contains open source SW, which is provided free of charge See enclosed DVD 	<p>6AV2128-3XB06-0AX0</p> <p>6AV2128-3XB06-0AX1</p>	<p>SIMATIC HMI MTP1200 Unified Comfort Panel</p> <p>Neutral, touch operation, 12.1" widescreen TFT display, 16 million colors, PROFINET interface, configurable as of WinCC Unified Comfort V16</p> <ul style="list-style-type: none"> • Contains open source SW which is provided free of charge See enclosed Blu-Ray • With additional certifications for explosion-proof areas and for use in shipbuilding (see technical specifications). Contains open source SW, which is provided free of charge See enclosed DVD 	<p>6AV2128-3MB36-0AX0</p> <p>6AV2128-3MB36-0AX1</p>
		<p>SIMATIC HMI MTP1500 Unified Comfort Panel</p> <p>Neutral, touch operation, 15.6" widescreen TFT display, 16 million colors, PROFINET interface, configurable as of WinCC Unified Comfort V16</p> <ul style="list-style-type: none"> • Contains open source SW which is provided free of charge See enclosed Blu-Ray • With additional certifications for explosion-proof areas and for use in shipbuilding (see technical specifications). Contains open source SW, which is provided free of charge See enclosed DVD 	<p>6AV2128-3QB36-0AX0</p> <p>6AV2128-3QB36-0AX1</p>

Operator panels

Advanced HMI Panel-based

SIMATIC HMI Unified Comfort Panels

SIMATIC HMI Unified Comfort Panels Standard

Ordering data

Article No.

Article No.

SIMATIC HMI MTP1900 Unified Comfort Panel

Neutral, touch operation,
18.5" widescreen TFT display,
16 million colors,
PROFINET interface, configurable
as of WinCC Unified Comfort V16

- Contains open source SW which is provided free of charge
See enclosed Blu-Ray
- With additional certifications for explosion-proof areas and for use in shipbuilding (see technical specifications).
Contains open source SW, which is provided free of charge
See enclosed DVD

6AV2128-3UB36-0AX0

6AV2128-3UB36-0AX1

SIMATIC HMI MTP2200 Unified Comfort Panel

Neutral, touch operation,
21.5" widescreen TFT display,
16 million colors,
PROFINET interface, configurable
as of WinCC Unified Comfort V16

- Contains open source SW which is provided free of charge
See enclosed Blu-Ray
- With additional certifications for explosion-proof areas and for use in shipbuilding (see technical specifications).
Contains open source SW, which is provided free of charge
See enclosed DVD

6AV2128-3XB36-0AX0

6AV2128-3XB36-0AX1

Starter Kits

Standard design

Each consisting of:

- The corresponding Unified Comfort Panel
- WinCC Unified Comfort (TIA Portal)
- EDGE Runtime license
- Industrial Ethernet cable, for test purposes
- SIMATIC SD Card Indoor 32 GB
- 5 protective films

SIMATIC HMI MTP700 Unified Comfort

6AV2128-3GB06-0AP0

SIMATIC HMI MTP1000 Unified Comfort

6AV2128-3KB06-0AP0

SIMATIC HMI MTP1200 Unified Comfort

6AV2128-3MB06-0AP0

SIMATIC HMI MTP1500 Unified Comfort

6AV2128-3QB06-0AP0

SIMATIC HMI MTP1900 Unified Comfort

6AV2128-3UB06-0AP0

SIMATIC HMI MTP2200 Unified Comfort

6AV2128-3XB06-0AP0

Software

EDGE Runtime for SIMATIC Unified Comfort

Runtime software, single license, license key for download, without software and documentation, Class A, email address required for delivery

6AV2170-2BA00-0AA0

2