

# SIEMENS





## SIMATIC HMI Comfort Panels

### High-end operator panels for demanding HMI tasks

SIMATIC HMI Comfort Panels offer Panel-based solutions for complex, large-scale applications. They feature wide-ranging functionality and a wide range of devices and applications, optionally with key or touch operation. Available as stationary and mobile solution.

SIMATIC HMI Comfort Panels are designed for the implementation of high-performance visualization tasks on the machine level. High performance, functionality and numerous integrated interfaces offer maximum convenience for high-end applications.

<http://www.siemens.com/comfort-panels>

## Highlights

### Broad and scalable product portfolio with standard functionality creates flexible application options

- High-resolution dimmable widescreen displays from 4" to 22" display size (optionally with touch control or control keys), more display area with the same display height and dimmable backlighting.
- Extended display options for complex operator screens and a clear division between application monitoring and operation.
- High functional range through new objects such as f(x) trend display, system diagnostics display, camera control, PDF printer, media player, document viewer, etc.
- Higher system limits compared to the predecessor as well as features not yet supported (such as scripts, logs, OPC communication, Sm@rtServer, etc.).

### Simple commissioning and fast service ensure cost and time savings

- Use of standard cables for loading HMI projects via PROFINET / Ethernet.
- Device settings are simply made during configuration.
- Project data and device settings are stored on a system card located in the device and are updated automatically. The system card can be used to transfer projects to other devices.
- 100% protection against voltage failure prevents loss of data, minimizes downtimes and enables simple device replacement without additional hardware or software.
- Possibility of system diagnostics in conjunction with SIMATIC controllers, especially SIMATIC S7-1200 and S7-1500.

### Efficient energy management reduces energy consumption

- Standardized PROFINergy protocol enables coordinated central shutdown of unneeded energy consumers and recording of energy measurement values.
- Long-term investment protection through simple integration into existing standards.

### Integrated interfaces allow for easy integration into existing plant structures

- Panels can be integrated into PROFINET and PROFIBUS networks.
- Interfaces for connecting USB peripherals (as of 7", 2-port Ethernet switch; as of 15", additional Gigabit PROFINET interface).

### Maximum data security in case of power failure

- Comfort Panels buffer enough energy in the event of a power failure to correctly terminate all active logging without the use of a maintenance-intensive battery.

### Ruggedness ensures use in harsh environments

- Rugged devices thanks to durable die-cast aluminum fronts (from 7") and approvals for use in various countries and in industries with increased requirements.
- Application options in hazardous areas according to UL CL.I, Div.2. All devices up to 12" offer ATEX certifications for zones 2 and 22 and various shipbuilding approvals such as GL or ABS.
- Deployable independent of location and industry due to wide temperature range from 0°C to 55°C for the standard devices and from -30°C to +60°C with max. 90%

humidity for the outdoor versions.

- Touch devices can also be installed vertical to optimize space requirements or special machine designs.

## Comfort Panel

[Compare technical specifications online](#)

	Article number
SIMATIC HMI TP700 Comfort	6AV2124-0GC01-0AX0
SIMATIC HMI TP700 Comfort Outdoor	6AV2124-0GC13-0AX0
SIMATIC HMI TP900 Comfort	6AV2124-0JC01-0AX0
SIMATIC HMI TP1200 Comfort	6AV2124-0MC01-0AX0
SIMATIC HMI TP1500 Comfort	6AV2124-0QC02-0AX1
SIMATIC HMI TP1500 Comfort	6AV2124-0QC02-0AX2
SIMATIC HMI TP1500 Comfort Outdoor	6AV2124-0QC13-0AX0
SIMATIC HMI TP1900 Comfort	6AV2124-0UC02-0AX1
SIMATIC HMI TP2200 Comfort	6AV2124-0XC02-0AX1
SIMATIC HMI KP400 Comfort	6AV2124-1DC01-0AX0
SIMATIC HMI KP700 Comfort	6AV2124-1GC01-0AX0
SIMATIC HMI KP900 Comfort	6AV2124-1JC01-0AX0
SIMATIC HMI KP1200 Comfort	6AV2124-1MC01-0AX0
SIMATIC HMI KP1500 Comfort	6AV2124-1QC02-0AX1
SIMATIC HMI KP1500 Comfort	6AV2124-1QC02-0AX2
SIMATIC HMI KTP400 Comfort	6AV2124-2DC01-0AX0

## INOX



	Article number
SIMATIC HMI TP700 COMFORT INOX	6AV2144-8GC10-0AA0
SIMATIC HMI TP700 Comfort INOX PCT	6AV2144-8GC20-0AA0
SIMATIC HMI TP900 Comfort INOX	6AV2144-8JC10-0AA0
SIMATIC HMI TP900 COMFORT INOX PCT	6AV2144-8JC20-0AA0
SIMATIC HMI TP1200 COMFORT INOX	6AV2144-8MC10-0AA0
SIMATIC HMI TP1200 COMFORT INOX PCT	6AV2144-8MC20-0AA0
SIMATIC HMI TP1500 COMFORT INOX	6AV2144-8QC10-0AA0
SIMATIC HMI TP1900 COMFORT INOX	6AV2144-8UC10-0AA0

## SIPLUS



	Article number
SIPLUS HMI TP700 COMFORT	6AG1124-0GC01-4AX0
SIPLUS HMI TP700 COMFORT OUTDOOR	6AG1124-0GC13-2AX0
SIPLUS HMI TP700 OUTDOOR T1 RAIL	6AG2124-0GC13-1AX0
SIPLUS HMI TP900 COMFORT	6AG1124-0JC01-4AX0
SIPLUS HMI TP1200 COMFORT	6AG1124-0MC01-4AX0
SIPLUS HMI TP1500 Comfort	6AG1124-0QC02-4AX1
SIPLUS HMI TP1500 Comfort Outdoor	6AG1124-0QC13-2AX0
SIPLUS HMI TP1500 OUTDOOR T1 RAIL	6AG2124-0QC13-1AX0
SIPLUS HMI TP1900 Comfort	6AG1124-0UC02-4AX1
SIPLUS HMI TP2200 Comfort	6AG1124-0XC02-4AX1
SIPLUS HMI KP700 COMFORT	6AG1124-1GC01-4AX0
SIPLUS HMI KP900 COMFORT	6AG1124-1JC01-4AX0
SIPLUS HMI KP1200 COMFORT	6AG1124-1MC01-4AX0
SIPLUS HMI KP1500 Comfort	6AG1124-1QC02-4AX1
SIPLUS HMI KTP400 COMFORT	6AG1124-2DC01-4AX0

 : Safety-related component

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