

SIMATIC S7-1200

Operator control and monitoring

SIMATIC HMI Comfort Panels

Overview



SIMATIC HMI Comfort Panels – Brilliant, intelligent, user-friendly

- Excellent HMI functionality for demanding applications
- Widescreen TFT displays with 4", 7", 9", 12", 15", 19" and 22" diagonals (all 16 million colors) with up to 40% more visualization area as compared to the predecessor devices
- Integrated high-end functionality with archives, scripts, PDF/Word/Excel viewer, Internet Explorer, Media Player
- Dimmable displays from 0 to 100% via PROFlenergy, via the HMI project or via a controller
- Up-to-date industrial design
- Upright installation for all touch devices
- Optimal selection option: seven touch-screen and five key versions are available
- Data security in the event of a power failure for the device and for the SIMATIC HMI Memory Card
- Innovative service and commissioning concept through second SD card (automatic backup)
- Easy project transfer via standard cable (standard Ethernet cable, standard USB cable)
- Maximum performance with short screen refresh times
- Suitable for harsh industrial environments thanks to extended approvals, such as ATEX 2/22 and marine approval, cast aluminum fronts for 7" upwards
- Wide range of communication options: PROFIBUS and PROFINET onboard; 2x PROFINET with integrated switch for 7" models or larger; plus 1 additional PROFINET with Gigabit support for 15" models or larger
- All variants can be used as an OPC UA client or as an OPC DA server.
- Key-operated devices with LED in every function key and new text input mechanism, similar to the keypads of mobile phones
- Key-operated devices with embossed keys for optimum tactile feedback
- All keys have a service life of 2 million operations
- Configuring with the WinCC engineering software of the TIA Portal

Ordering data

Order No.

KP400 Comfort

Key operation;
high-resolution 4" widescreen
display, 16 million colors

6AV2 124-1DC01-0AX0

KTP400 Comfort

Key/touch-screen operation;
high-resolution 4" widescreen
display, 16 million colors

6AV2 124-2DC01-0AX0

KP700 Comfort

Key operation;
high-resolution 7" widescreen
display, 16 million colors

6AV2 124-1GC01-0AX0

TP700 Comfort

Touch-screen operation;
high-resolution 7" widescreen
display, 16 million colors

6AV2 124-0GC01-0AX0

KP900 Comfort

Key operation;
high-resolution 9" widescreen
display, 16 million colors

6AV2 124-1JC01-0AX0

TP900 Comfort

Touch-screen operation;
high-resolution 9" widescreen
display, 16 million colors

6AV2 124-0JC01-0AX0

KP1200 Comfort

Key operation;
high-resolution 12" widescreen
display, 16 million colors

6AV2 124-1MC01-0AX0

TP1200 Comfort

Touch-screen operation;
high-resolution 12" widescreen
display, 16 million colors

6AV2 124-0MC01-0AX0

KP1500 Comfort

Key operation;
high-resolution 15" widescreen
display, 16 million colors

6AV2 124-1QC02-0AX0

TP1500 Comfort

Touch-screen operation;
high-resolution 15" widescreen
display, 16 million colors

6AV2 124-0QC02-0AX0

TP1900 Comfort

Touch-screen operation;
high-resolution 19" widescreen
display, 16 million colors

6AV2 124-0UC02-0AX0

TP2200 Comfort

Touch-screen operation;
high-resolution 22" widescreen
display, 16 million colors

6AV2 124-0XC02-0AX0

More information

Further information can be found on the Internet at:

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