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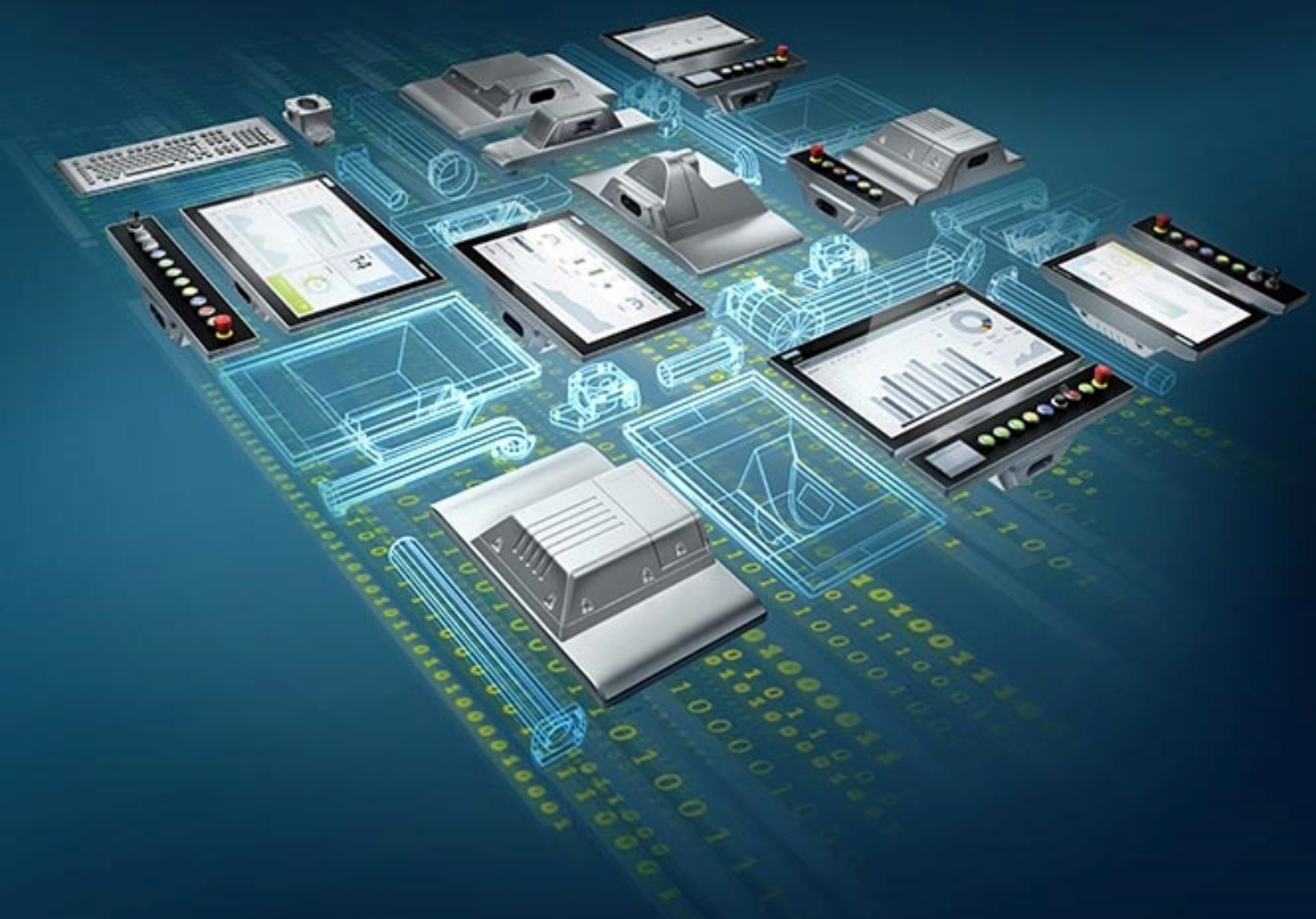

Product overview for Comfort Panel Pro

TIA Selection Tool Web

SIMATIC HMI Comfort Panels PRO

SIMATIC HMI PRO - fully-enclosed IP65 protection without compromise

SIMATIC Comfort Panels PRO are a series of devices with high IP65 (NEMA4) degree of protection and flexible mounting options - directly on the machine using special adapters, on a pedestal or on a support arm system.

Thanks to their high performance, functionality and numerous integrated interfaces, they offer maximum convenience for high-end applications and are especially suitable for implementing high-performance visualization tasks in machine-level areas.

http://www.siemens.com/simatic-hmi-pro

Highlights

Modern design and universal scalability create flexible application options

- Slim enclosure with small depth, new scratch-resistant glass front and narrow frame.
- Devices can be dimensioned to suit machines and applications through a flexible selection of device type, performance class and display size.
- Individual selection and combination of basic units, expansion components and mounting options.
- High fully-enclosed IP65 degree of protection (against water and dust).
- Individual expandability through extension units.

Different operating options ensure high operating convenience

- Gesture, single and multiple finger operation (even with thin working gloves).
- Individual design by selecting your own design or style.

High flexibility in the place of use and easy connection

- Devices including extensions can be mounted to support arm and pedestal systems of different manufacturers using a flexible mechanism. Separate handle extension provides even more operating convenience.
- Simple connection and minimized wiring through communication with PROFINET and PROFIsafe.

High level of service friendliness leads to cost and time savings

- Rear panel can be easily removed even when the machine is mounted, e.g. for subsequent cabling or replacement of memory cards.

High reliability and operating safety creates long-term availability

- High operating safety through PROFIsafe, two-hand operation and palm recognition.

Fast commissioning provides cost savings

- Simple installation and configuration (Plug & Play) and easy changeover from a predecessor to a new device.
- Configuration in TIA Portal reduces costs during commissioning.

Protection of processes and plants against unauthorized access

- Plant protection through key switches and RFID access authorization as well as optional safety elements such as emergency stop.

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Comfort Panel Pro

	Article number
SIMATIC HMI TP1200 Comfort Pro	6AV2124-0MC24-1AX0
SIMATIC HMI TP1200 Comfort Pro	6AV2124-0MC24-0AX0
SIMATIC HMI TP1200 Comfort Pro	6AV2124-0MC24-0BX0
SIMATIC HMI TP1500 Comfort PRO	6AV2124-0QC24-0AX0
SIMATIC HMI TP1500 Comfort PRO	6AV2124-0QC24-1AX0
SIMATIC HMI TP1500 Comfort PRO	6AV2124-0QC24-0BX0
SIMATIC HMI TP1900 Comfort PRO	6AV2124-0UC24-0AX0
SIMATIC HMI TP1900 Comfort PRO	6AV2124-0UC24-1AX0
SIMATIC HMI TP1900 Comfort PRO	6AV2124-0UC24-0BX0
SIMATIC HMI TP2200 Comfort PRO	6AV2124-0XC24-0AX0
SIMATIC HMI TP2200 Comfort PRO	6AV2124-0XC24-1AX0
SIMATIC HMI TP2200 Comfort PRO	6AV2124-0XC24-0BX0

Extension Units

	Article number
Hardwired	
Extension Unit 12" hardwired	6AV7674-1LA31-0AA0
Extension Unit 15" hardwired	6AV7674-1LA41-0AA0
Extension Unit 19" hardwired	6AV7674-1LA51-0AA0
Extension Unit 22" hardwired	6AV7674-1LA61-0AA0
PROFINET	
Extension Unit 12" PROFINET	6AV7674-1LA32-0AA0
Extension Unit 12" KP12 PN	6AV2185-8CE01-0AA0
Extension Unit 12" KP24 PN	6AV2185-8CE08-0AA0
Extension Unit 15" PROFINET	6AV7674-1LA42-0AA0
Extension Unit 15" KP12 PN	6AV2185-8DE01-0AA0
Extension Unit 15" KP36 PN	6AV2185-8DE08-0AA0
Extension Unit 19" PROFINET	6AV7674-1LA52-0AA0
Extension Unit 19" KP12 PN	6AV2185-8EE01-0AA0
Extension Unit 19" KP36 PN	6AV2185-8EE08-0AA0
Extension Unit 22" PROFINET	6AV7674-1LA62-0AA0
Extension Unit 22" KP12 PN	6AV2185-8FE01-0AA0
Extension Unit 22" KP48 PN	6AV2185-8FE08-0AA0
Profisafe	
Extension Unit 12" PROFISAFE	6AV7674-1LA33-0AA0
Extension Unit 12" KP12F PN	6AV2185-8CF01-0AA0
Extension Unit 15" PROFISAFE	6AV7674-1LA43-0AA0
Extension Unit 15" KP12F PN	6AV2185-8DF01-0AA0
Extension Unit 19" PROFISAFE	6AV7674-1LA53-0AA0
Extension Unit 19" KP12F PN	6AV2185-8EF01-0AA0
Extension Unit 22" PROFISAFE	6AV7674-1LA63-0AA0
Extension Unit 22" KP12F PN	6AV2185-8FF01-0AA0

: Safety-related component

* By clicking on the article number, you will be taken to the product in the TIA Selection Tool cloud.

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Operator controls

	Article number
E-Stop Pushbutton for Ext. Unit	6AV7674-1MA00-0AA0
Illuminated Pushbutton for Ext. Unit	6AV7674-1MB00-0AA0
Indicator Light for Ext. Unit	6AV7674-1MC00-0AA0
Selector Switch for Ext. Unit	6AV7674-1MD00-0AA0
Key-operated Switch for Ext. Unit	6AV7674-1ME00-0AA0
Reader RF1060R USB	6GT2831-6AA50
RGB button	6AV2185-8AB01-2AA0
Illum. pushbutton for ext.unit (1NO+1NC)	6AV7674-1MG00-0AA0
USB interface for extension unit	6AV7674-1MF00-0AA0

Accessories

	Article number
Flange Mount for Pro Devices	6AV7674-1KF00-0AA0
USB Interface for Pro Devices	6AV7674-1LX00-0AA0
USB keyboard INT for 16:9 PRO devices	6AV7674-1NE00-0AA0
Shelf for 16:9 PRO devices	6AV7674-1NE01-0AA0
Label Inserts for Self Inscription	6AV7674-1LB30-0AA0
12 Label Holder for Self Inscription	6AV7674-1LB20-0AA0

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