



CP65xx | Built-in Panel PC

The universal built-in Industrial PC with ATX motherboard

The Panel PC series CP65xx is designed for installation in the front of a control cabinet. A built-in Control Panel with DVI and USB interface is the front of the Panel PC. The correct display size and keyboard are thus available for every application. The CP65xx built-in Industrial PCs represent a powerful platform for machine construction and plant engineering applications, for example with the TwinCAT automation software under Windows 10 IoT Enterprise.

The 7-slot ATX Panel PCs CP65xx can be equipped with 12-, 15- or 19-inch TFT display, as a monitor without keys or with different types of keyboards. A touch screen or touch pad is optionally available. A large number of push-button extensions are also available.

The CP65xx are equipped with Intel® Celeron®, Pentium® or Core™ i3/i5/i7 processors on an ATX motherboard and have PCI and PCI Express slots. A multi DVD drive can be installed. A 100 to 240 AC full range power supply or a 24 V DC power supply is used in the PC. The Control Panel is connected to the PC via DVI and USB. The PC deals with the power supply for the Control Panel. The cables are installed in the PC housing.



Variants	Processor	available
CP65xx-xxxx-0070	Intel® Celeron®, 2 Cores (TC3: 50*) or Intel® Core™ i3, 2 Cores (TC3: 60*) or Intel® Core™ i5, 2 Cores (TC3: 70*) or Intel® Core™ i7, 4 Cores (TC3: 80*)	yes
CP65xx-xxxx-0080	Intel® Pentium®, 2 Cores (TC3: 50*) or Intel® Core™ i3, 2 Cores (TC3: 60*) or Intel® Core™ i5, 2 Cores (TC3: 70*) or Intel® Core™ i5, 4 Cores (TC3: 70*) or Intel® Core™ i7, 4 Cores (TC3: 80*) (4th generation)	yes
CP65xx-xxxx-0090	Intel® Celeron®, 2 Cores (TC3: 50*) or Intel® Pentium®, 2 Cores (TC3: 50*) or Intel® Core™ i3, 2 Cores (TC3: 60*) or Intel® Core™ i5, 4 Cores (TC3: 70*) or Intel® Core™ i7, 4 Cores (TC3: 80*) (6th/7th generation)	yes

*The TwinCAT 3 performance class defines the exact ordering number for the respective TwinCAT 3 product. Please see [here](#) for an overview of the TC3 performance classes.



Without keys



Function keys



Numeric keyboard (position of numeric keypad depends on display size)



Alphanumeric keyboard (position of numeric keypad depends on display size)



Alphanumeric keyboard with PLC keys on the sides

Ordering information	without touch screen	with single-touch screen	with touch pad
Display only			
12-inch display 800 x 600	CP6501-0000-0070, -0080 or -0090	CP6501-0001-0070, -0080 or -0090	
15-inch display 1024 x 768	CP6502-0000-0070, -0080 or -0090	CP6502-0001-0070, -0080 or -0090	
19-inch display 1280 x 1024	CP6503-0000-0070, -0080 or -0090	CP6503-0001-0070, -0080 or -0090	
With function keys			
12-inch display 800 x 600	CP6511-0000-0070, -0080 or -0090	CP6511-0001-0070, -0080 or -0090	
15-inch display 1024 x 768	CP6512-0000-0070, -0080 or -0090	CP6512-0001-0070, -0080 or -0090	
19-inch display 1280 x 1024	CP6513-0000-0070, -0080 or -0090	CP6513-0001-0070, -0080 or -0090	
Numeric keyboard			
12-inch display 800 x 600	CP6521-0000-0070, -0080 or -0090	CP6521-0001-0070, -0080 or -0090	CP6521-0002-0070, -0080 or -0090
15-inch display 1024 x 768	CP6522-0000-0070, -0080 or -0090	CP6522-0001-0070, -0080 or -0090	CP6522-0002-0070, -0080 or -0090
19-inch display 1280 x 1024	CP6523-0000-0070, -0080 or -0090	CP6523-0001-0070, -0080 or -0090	CP6523-0002-0070, -0080 or -0090
Alphanumeric keyboard			
12-inch display 800 x 600	CP6531-0000-0070, -0080 or -0090	CP6531-0001-0070, -0080 or -0090	CP6531-0002-0070, -0080 or -0090
15-inch display 1024 x 768	CP6532-0000-0070, -0080 or -0090	CP6532-0001-0070, -0080 or -0090	CP6532-0002-0070, -0080 or -0090
19-inch display 1280 x 1024	CP6533-0000-0070, -0080 or -0090	CP6533-0001-0070, -0080 or -0090	CP6533-0002-0070, -0080 or -0090
Alphanumeric keyboard with PLC keys on the sides			
15-inch display 1024 x 768	CP6542-0000-0070, -0080 or -0090	CP6542-0001-0070, -0080 or -0090	