

CP66xx-xxxx-0020 | Panel PC with ARM Cortex™-A8

The "Economy" built-in Panel PC

Variants	Processor	available
CP66xx-xxxx-0020	ARM Cortex™-A8, 1 GHz (TC3: 30)	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.

CP66xx-xxxx-0020	Built-in Panel PC
Housing	aluminium front with steel sheet rear cover
	all connectors at the bottom of the rear side
	1 slot for microSD flash card, accessible from the rear side
	lithium battery of the system clock, accessible from the rear side
	pull-out clamping levers for fast installation without loose parts
	protection class front side IP 65, rear side IP 20
	operating temperature 0...55 °C
Front panel	TFT display in five sizes
	– 5.7-inch display 640 x 480
	– 6.5-inch display 640 x 480
	– 12-inch display 800 x 600
	– 15-inch display 1024 x 768
	– 19-inch display 1280 x 1024
	front laminate in four variants
– only display	
– function keys and 10 PLC special keys with LED	
– numeric keyboard and 10 PLC special keys with LED	
– alphanumeric PC keyboard in US layout and 10 PLC special keys with LED	
	special keys identified by slide-in labels
Features	processor ARM Cortex™-A8, 1 GHz (TC3: 30)
	3½-inch motherboard
	1 GB DDR3 RAM
	graphic adapter integrated inside the processor
	1 on-board Ethernet adapter 10/100BASE-T with RJ45 connector
	1 on-board EtherCAT adapter with RJ45 connection
	512 MB microSD flash card
	128 kbyte NOVRAM for fail-safe storage of TwinCAT process data
	1 serial RS232 ports and 2 USB 2.0 ports
	24 V DC power supply
	Microsoft Windows Embedded Compact 7, English

Options	Built-in Panel PC with ARM Cortex™-A8
C9900-T902	touch screen pen with wall holder for CP6xxx, C33xx and C36xx
C9900-F305	Stainless steel front with flush-mounted touch screen for CP6207-0001, CP6607-0001, CP6907-0001, stainless steel 1.4301, matt ground with grain size 240, instead of standard aluminium front
C9900-F309	Stainless steel front with flush-mounted touch screen for CP6209-0001, CP6609-0001, CP6909-0001, stainless steel 1.4301, matt ground with grain size 240, instead of standard aluminium front
C9900-F700	Stainless steel front with flush-mounted touch screen for CP6201-0021, CP6601-0021, CP6701-0021-0040/-0050, CP6901-0021, stainless steel 1.4301, matt ground with grain size 240, with 1-port USB A socket, stainless steel screw-on cap with internally mounted wire to hold the cap, instead of standard aluminium front
C9900-F306	Stainless steel front with flush-mounted touch screen for CP6201-0001, CP6601-0001, CP6701-0001-0040/-0050, CP6901-0001, stainless steel 1.4301, matt ground with grain size 240, instead of standard aluminium front
C9900-F701	Stainless steel front with flush-mounted touch screen for CP6202-0021, CP6602-0021, CP6702-0021-0040/-0050, CP6902-0021, stainless steel 1.4301, matt ground with grain size 240, with 1-port USB A socket, stainless steel screw-on cap with internally mounted wire to hold the cap, instead of standard aluminium front
C9900-F303	Stainless steel front with flush-mounted touch screen for CP6202-0001, CP6602-0001, CP6702-0001-0040/-0050, CP6902-0001, stainless steel 1.4301, matt ground with grain size 240, instead of standard aluminium front
C9900-F307	Stainless steel front with flush-mounted touch screen for CP6203-0001, CP6603-0001, CP6703-0001-0040/-0050, CP6903-0001, stainless steel 1.4301, matt ground with grain size 240, instead of standard aluminium front
C9900-F702	Stainless steel front with flush-mounted touch screen for CP6203-0021, CP6603-0021, CP6703-0021-0040/-0050, CP6903-0021, stainless steel 1.4301, matt ground with grain size 240, with 1-port USB A socket, stainless steel screw-on cap with internally mounted wire to hold the cap, instead of standard aluminium front

C9900-H800	2 GB microSD card, instead of 512 MB microSD card
C9900-H801	4 GB microSD card, instead of 512 MB microSD card
C9900-H806	8 GB microSD card, instead of 512 MB microSD card
C9900-S706	TwinCAT 2 PLC runtime for Windows Embedded Compact 7
C9900-S707	TwinCAT 2 NC PTP runtime for Windows Embedded Compact 7
C9900-U212	internal, capacitive 1-second UPS to ensure secure backup of persistent application data on the flash card, requires TwinCAT and Windows Embedded Compact 7
C9900-M296	wall mounting frame for building installation for 5.7" "Economy" built-in Panel PC CP6607 or "Economy" built-in Control Panel CP6907
C9900-M311	wall mounting frame for building installation for 6.5" "Economy" built-in Panel PC CP6609 or "Economy" built-in Control Panel CP6909
C9900-M313	wall mounting frame for building installation for 12" "Economy" built-in Panel PC CP6601 or "Economy" built-in Control Panel CP6901
C9900-M314	wall mounting frame for building installation for 15" "Economy" built-in Panel PC CP6602 or "Economy" built-in Control Panel CP6902
C9900-M316	wall mounting frame for building installation for 19" "Economy" built-in Panel PC CP6603 or "Economy" built-in Control Panel CP6903

CP66xx-xxxx-0020	Built-in Panel PC with ARM Cortex™-A8
CP6607-0000-0020	5.7-inch display 640 x 480 without keys
CP6607-0001-0020	5.7-inch display 640 x 480 without keys, with touch screen
CP6609-0000-0020	6.5-inch display 640 x 480 without keys
CP6609-0001-0020	6.5-inch display 640 x 480 without keys, with touch screen
CP6619-0000-0020	6.5-inch display 640 x 480 function keys
CP6619-0001-0020	6.5-inch display 640 x 480 function keys, with touch screen
CP6629-0000-0020	6.5-inch display 640 x 480 numeric keyboard
CP6629-0001-0020	6.5-inch display 640 x 480 numeric keyboard, with touch screen
CP6601-0000-0020	12-inch display 800 x 600 without keys
CP6601-0001-0020	12-inch display 800 x 600 without keys, with touch screen
CP6601-0020-0020	12-inch display 800 x 600 without keys, USB A socket in the front
CP6601-0021-0020	12-inch display 800 x 600 without keys, USB A socket in the front, with touch screen
CP6611-0000-0020	12-inch display 800 x 600 function keys
CP6611-0001-0020	12-inch display 800 x 600 function keys, with touch screen
CP6621-0000-0020	12-inch display 800 x 600 numeric keyboard
CP6621-0001-0020	12-inch display 800 x 600 numeric keyboard, with touch screen
CP6621-0002-0020	12-inch display 800 x 600 numeric keyboard, touch pad
CP6631-0000-0020	12-inch display 800 x 600 alphanumeric keyboard
CP6631-0001-0020	12-inch display 800 x 600 alphanumeric keyboard, with touch screen
CP6631-0002-0020	12-inch display 800 x 600 alphanumeric keyboard, touch pad
CP6602-0000-0020	15-inch display 1024 x 768 without keys
CP6602-0001-0020	15-inch display 1024 x 768 without keys, with touch screen
CP6602-0020-0020	15-inch display 1024 x 768 without keys, USB A socket in the front
CP6602-0021-0020	15-inch display 1024 x 768 without keys, USB A socket in the front, with touch screen
CP6612-0000-0020	15-inch display 1024 x 768 function keys
CP6612-0001-0020	15-inch display 1024 x 768 function keys, with touch screen
CP6622-0000-0020	15-inch display 1024 x 768 numeric keyboard

CP6622-0001-0020	15-inch display 1024 x 768 numeric keyboard, with touch screen
CP6622-0002-0020	15-inch display 1024 x 768 numeric keyboard, touch pad
CP6632-0000-0020	15-inch display 1024 x 768 alphanumeric keyboard
CP6632-0001-0020	15-inch display 1024 x 768 alphanumeric keyboard, with touch screen
CP6632-0002-0020	15-inch display 1024 x 768 alphanumeric keyboard, touch pad
CP6603-0000-0020	19-inch display 1280 x 1024 without keys
CP6603-0001-0020	19-inch display 1280 x 1024 without keys, with touch screen
CP6603-0020-0020	19-inch display 1280 x 1024 without keys, USB A socket in the front
CP6603-0021-0020	19-inch display 1280 x 1024 without keys, USB A socket in the front, with touch screen
CP6613-0000-0020	19-inch display 1280 x 1024 function keys
CP6613-0001-0020	19-inch display 1280 x 1024 function keys, with touch screen
CP6623-0000-0020	19-inch display 1280 x 1024 numeric keyboard
CP6623-0001-0020	19-inch display 1280 x 1024 numeric keyboard, with touch screen
CP6623-0002-0020	19-inch display 1280 x 1024 numeric keyboard, with touch pad
CP6633-0000-0020	19-inch display 1280 x 1024 alphanumeric keyboard
CP6633-0001-0020	19-inch display 1280 x 1024 alphanumeric keyboard, with touch screen
CP6633-0002-0020	19-inch display 1280 x 1024 alphanumeric keyboard, touch pad