

CP62xx-xxxx-0050 | “Economy” built-in Panel PC

The slimline built-in Industrial PC with 3½-inch motherboard

Variants	Processor	available
CP62xx-xxxx-0020	Intel® Atom™ (TC3: 40*)	yes, but not recommended for new projects
CP62xx-xxxx-0050	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
CP62xx-xxxx-0060	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*) (4th generation)	yes
CP62xx-xxxx-0070	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.

CP62xx-xxxx-0050	“Economy” built-in Panel PC
Housing	aluminium front with steel sheet rear cover
	drives easily accessible
	all connectors at the bottom of the rear side
	1 slot for one 2½-inch hard disk or SSD and 1 slot for one CFast card accessible from the rear side
	fan cartridge at the rear side, accessible from outside
	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
Front panel	operating temperature 0...55 °C
	TFT display in three sizes
	– 12-inch display 800 x 600
	– 15-inch display 1024 x 768
	– 19-inch display 1280 x 1024
	front laminate in five variants
	– only display
	– function keys and 10 PLC special keys with LED
Features	– numeric keyboard and 10 PLC special keys with LED
	– alphanumeric PC keyboard in US layout and 10 PLC special keys with LED
	– alphanumeric PC keyboard in US layout and 16 PLC special keys with LED on the sides
	special keys identified by slide-in labels
	processor Intel® Celeron® B810 1.6 GHz, 2 cores (TC3: 50)
	3½-inch motherboard for 2nd and 3rd Generation Intel® Core™ i3, Core™ i5, Core™ i7 or Celeron®
	1 Mini PCI slot free for cards installed ex factory
	2 GB DDR3 RAM, expandable to 16 GB
	Graphic adapter integrated inside the Intel® processor, 1 DVI-D port occupied by the display in the front and 1 DVI-I connector free
	on-board dual Ethernet adapter with 2 x 10/100/1000BASE-T connector
	on-board SATA RAID 1 controller, Intel® Rapid Storage Technology
	hard disk, 2½-inch, 320 GB
	1 serial port RS232 and 4 USB 2.0 ports
	24 V DC power supply

Options	CP62xx-xxxx-0050
C9900-C541	processor 2nd Generation Intel® Core™ i3 2330E, 2.2 GHz, 2 cores (TC3: 60), instead of Intel® Celeron® B810 1.6 GHz (TC3: 50)
C9900-C542	processor 2nd Generation Intel® Core™ i5 2510E, 2.5 GHz, 2 cores (TC3: 70), instead of Intel® Celeron® B810 1.6 GHz (TC3: 50)
C9900-C543	processor 2nd Generation Intel® Core™ i7 2710QE, 2.1 GHz, 4 cores (TC3: 80), instead of Intel® Celeron® B810 1.6 GHz (TC3: 50)
C9900-C565	processor 3rd Generation Intel® Celeron® 1020E, 2.2 GHz, 2 cores (TC3: 50), instead of Intel® Celeron® B810 1.6 GHz (TC3: 50)
C9900-C544	processor 3rd Generation Intel® Core™ i5 3610ME 2.7 GHz, 2 cores (TC3: 70), instead of Intel® Celeron® B810 1.6 GHz (TC3: 50)
C9900-C545	processor 3rd Generation Intel® Core™ i7 3610QE 2.3 GHz, 4 cores (TC3: 80), instead of Intel® Celeron® B810 1.6 GHz (TC3: 50)
C9900-R249	memory extension to 4 GB DDR3 RAM, instead of 2 GB, requires a 64 bit operating system or only 3 GB are addressable
C9900-R250	memory extension to 8 GB DDR3 RAM, instead of 2 GB, requires a 64 bit operating system
C9900-R251	memory extension to 16 GB DDR3 RAM, instead of 2 GB, requires a 64 bit operating system
C9900-B500	2 PCIe module slots integrated inside CP62xx or CP67xx-xxxx-0040/-0050, to plug-in Beckhoff PCIe modules or to lead out interfaces of the motherboard ex factory. The depth of the back cover is increased by 30 mm (1.2").
C9900-B504	2 PCIe plug-in card slots on the passive backplane integrated inside CP62xx or CP67xx-xxxx-0040/-0050, to plug-in PCIe x1 cards up to 190 mm (7.5") length. The depth of the back cover is increased by 66 mm (2.6").
C9900-B508	2 PCI plug-in card slots on the passive backplane integrated inside CP62xx or CP67xx-xxxx-0040/-0050, to plug-in PCI cards up to 190 mm (7.5") length. The depth of the back cover is increased by 66 mm (2.6").
C9900-B512	1 PCI and 1 PCIe plug-in card slot on a passive backplane integrated inside CP62xx or CP67xx-xxxx-0040/-0050, to plug-in one PCI and one PCIe x1 card up to 190 mm (7.5") length. The depth of the back cover is increased by 66 mm (2.6").
C9900-T902	touch screen pen with wall holder for CP6xxx, C33xx and C36xx
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-E159	Serial port RS232, optically linked, overload protection, D-sub 9-pin connector. An additional fieldbus card is possible with a PCIe module slot as a connector bracket.
C9900-E188	Serial port RS485, optically linked, overload protection, D-sub 9-pin connector. An additional fieldbus card is possible with a PCIe module slot as a connector bracket. Configuration as an end point without echo: echo off, auto send on, always send off, auto receive on, always receive off, termination on
C9900-E189	Serial port RS422, optically linked, overload protection, D-sub 9-pin connector. An additional fieldbus card is possible with a PCIe module slot as a connector bracket. Configuration as a full duplex end point: echo on, auto send off, always send on, auto receive off, always receive on, termination on
C9900-Z411	adapter plug DVI-I to VGA
C9900-Z413	adapter cable DVI-I to DVI and VGA, 15 cm
C9900-R230	memory module NOVRAM for fail-safe storage of process data, 128 kB, Mini PCI plug-in card
C9900-R231	memory module NOVRAM for fail-safe storage of process data, 256 kB, Mini PCI plug-in card
C9900-R232	memory module NOVRAM for fail-safe storage of process data, 512 kB, Mini PCI plug-in card
C9900-H742	solid-state disk SSD, 3D flash, 2½-inch, 120 GB, instead of 2½-inch hard disk
C9900-H750	solid-state disk SSD, 3D flash, 2½-inch, 240 GB, instead of 2½-inch hard disk
C9900-H746	solid-state disk SSD, 3D flash, 2½-inch, 480 GB, instead of 2½-inch hard disk
C9900-H701	solid-state disk SSD, SLC flash, 2½-inch, 32 GB, instead of 2½-inch hard disk
C9900-H706	solid-state disk SSD, SLC flash, 2½-inch, 64 GB, instead of 2½-inch hard disk
C9900-H736	solid-state disk SSD, SLC flash, 2½-inch, 128 GB, instead of 2½-inch hard disk
C9900-D190	2 slots for CFast cards, instead of 1 slot for a 2½-inch hard disk or SSD and 1 slot for CFast
C9900-H583	30 GB CFast card, 3D flash, extended temperature range
C9900-H587	60 GB CFast card, 3D flash, extended temperature range
C9900-H550	4 GB CFast card, SLC flash, extended temperature range
C9900-H551	8 GB CFast card, SLC flash, extended temperature range
C9900-H552	16 GB CFast card, SLC flash, extended temperature range
C9900-H563	32 GB CFast card, SLC flash, extended temperature range
C9900-H568	64 GB CFast card, SLC flash, extended temperature range
C9900-H584	30 GB CFast card, 3D flash, extended temperature range, instead of 2½-inch hard disk
C9900-H588	60 GB CFast card, 3D flash, extended temperature range, instead of 2½-inch hard disk

C9900-H553	4 GB CFast card, SLC flash, extended temperature range, instead of 2½-inch hard disk, less price
C9900-H554	8 GB CFast card, SLC flash, extended temperature range, instead of 2½-inch hard disk, less price
C9900-H555	16 GB CFast card, SLC flash, extended temperature range, instead of 2½-inch hard disk
C9900-H565	32 GB CFast card, SLC flash, extended temperature range, instead of 2½-inch hard disk
C9900-H569	64 GB CFast card, SLC flash, extended temperature range, instead of 2½-inch hard disk
C9900-U209	uninterruptible power supply UPS, integrated into the 24 V power supply, without battery, occupies one internal serial Interface
C9900-U330	battery pack for PCs with 24 V power supply and integrated UPS C9900-P209 or C9900-U209, external, for DIN rail mounting, 3.4 Ah, operating temperature 0...50 °C



CP62xx with
plug-in card slots C9900-B504, -B508 or -B512



CP62xx with
PCIe module slots C9900-B500

CP62xx-xxxx-0050	Options for CP62xx with 2 module slots C9900-B500
FC9062	Gigabit Ethernet PCIe module for PCs with Beckhoff PCIe module slots, 2-channel, PCI Express x1 bus
C9900-E232	sound line input and sound line output of the motherboard led out at the connection section of a C5210, C65x5, CP22xx or CP62xx
C9900-E233	1 serial port RS232 of the motherboard led out at the connection section of a C5210, C65x5, CP2xxx, CP62xx or CP67xx-xxxx-0040/-0050
C9900-E234	2 USB ports of the motherboard led out at the connection section of a C5210, C65x5, CP2xxx, CP62xx or CP67xx-xxxx-0040/-0050

CP62xx-xxxx-0050	"Economy" built-in Panel PCs
CP6201-0000-0050	12-inch display 800 x 600 without keys
CP6201-0001-0050	12-inch display 800 x 600 without keys, touch screen
CP6201-0020-0050	12-inch display 800 x 600 without keys, USB A socket in the front
CP6201-0021-0050	12-inch display 800 x 600 without keys, USB A socket in the front, touch screen
CP6211-0000-0050	12-inch display 800 x 600 function keys
CP6211-0001-0050	12-inch display 800 x 600 function keys, touch screen
CP6221-0000-0050	12-inch display 800 x 600 numeric keyboard
CP6221-0001-0050	12-inch display 800 x 600 numeric keyboard, touch screen
CP6221-0002-0050	12-inch display 800 x 600 numeric keyboard, touch pad
CP6231-0000-0050	12-inch display 800 x 600 alphanumeric keyboard
CP6231-0001-0050	12-inch display 800 x 600 alphanumeric keyboard, touch screen
CP6231-0002-0050	12-inch display 800 x 600 alphanumeric keyboard, touch pad
CP6202-0000-0050	15-inch display 1024 x 768 without keys
CP6202-0001-0050	15-inch display 1024 x 768 without keys, touch screen
CP6202-0020-0050	15-inch display 1024 x 768 without keys, USB A socket in the front
CP6202-0021-0050	15-inch display 1024 x 768 without keys, USB A socket in the front, touch screen
CP6212-0000-0050	15-inch display 1024 x 768 function keys
CP6212-0001-0050	15-inch display 1024 x 768 function keys, touch screen
CP6222-0000-0050	15-inch display 1024 x 768 numeric keyboard
CP6222-0001-0050	15-inch display 1024 x 768 numeric keyboard, touch screen

CP6222-0002-0050	15-inch display 1024 x 768 numeric keyboard, touch pad
CP6232-0000-0050	15-inch display 1024 x 768 alphanumeric keyboard
CP6232-0001-0050	15-inch display 1024 x 768 alphanumeric keyboard, touch screen
CP6232-0002-0050	15-inch display 1024 x 768 alphanumeric keyboard, touch pad
CP6242-0000-0050	15-inch display 1024 x 768 alphanumeric keyboard, PLC keys on the sides
CP6242-0001-0050	15-inch display 1024 x 768 alphanumeric keyboard, PLC keys on the sides, touch screen
CP6203-0000-0050	19-inch display 1280 x 1024 without keys
CP6203-0001-0050	19-inch display 1280 x 1024 without keys, touch screen
CP6203-0020-0050	19-inch display 1280 x 1024 without keys, USB A socket in the front
CP6203-0021-0050	19-inch display 1280 x 1024 without keys, USB A socket in the front, touch screen
CP6213-0000-0050	19-inch display 1280 x 1024 function keys
CP6213-0001-0050	19-inch display 1280 x 1024 function keys, touch screen
CP6223-0000-0050	19-inch display 1280 x 1024 numeric keyboard
CP6223-0001-0050	19-inch display 1280 x 1024 numeric keyboard, touch screen
CP6223-0002-0050	19-inch display 1280 x 1024 numeric keyboard, touch pad
CP6233-0000-0050	19-inch display 1280 x 1024 alphanumeric keyboard
CP6233-0001-0050	19-inch display 1280 x 1024 alphanumeric keyboard, touch screen
CP6233-0002-0050	19-inch display 1280 x 1024 alphanumeric keyboard, touch pad