C6930-0050 | Control cabinet Industrial PC

Variants	Processor	available
C6930-0040	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, but not recommended for new projects
C6930-0050	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*) (4th generation)	yes
C6930-0060	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.

C6930-0050	Control cabinet PC
Housing	industrial PC for space-saving control cabinet installation
	mounting sheet at the rear wall
	all connectors on the front
	status LEDs
	lithium battery accessible behind the front flap
	2 slots for 2½-inch hard disks or SSDs behind the front flap
	1 slot for one CFast flash card behind the front flap
	2 PCIe module slots to plug-in Beckhoff PCIe modules or to lead out interfaces of the motherboard ex factory
	fan cartridge with speed control and double ball bearing fans, accessible from the front
	5 cm (2") free space above and under the PC required for air circulation
	protection class IP 20
	operating temperature 0…55 °C
	weight of the basic configuration 2.1 kg (4.6 lbs)
	compact dimensions (W x H x D) 90 x 235 x 121 mm (3.5" x 9.3" x 4.8") without mounting plate
Features	processor Intel® Celeron® 2000E 2.2 GHz, 2 cores (TC3: 50)
	3½-inch motherboard for 4th Generation Intel® Core™ i3, Core™ i5, Core™ i7 or Celeron®
	1 Mini PCI slot free for cards installed ex factory
	2 GB DDR3L RAM, expandable to 16 GB
	Graphic adapter integrated inside the Intel® processor, 1 DVI connector
	on-board dual Ethernet adapter with 2 x 100/1000BASE-T connector
	on-board SATA RAID 1 controller, Intel® Rapid Storage Technology
	hard disk, 2½-inch, 320 GB
	1 serial port RS232, 2 USB 3.0 ports and 2 USB 2.0 ports
	24 V DC power supply

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Options	C6930-0050
C9900-C562	processor 4th Generation Intel® Core™ i3 4100E, 2.4 GHz, 2 cores (TC3: 60), instead of Intel® Celeron® 2000E 2.2 GHz (TC3: 50)
C9900-C570	processor 4th Generation Intel® Core™ i3 4110E, 2.6 GHz, 2 cores (TC3: 60), instead of Intel® Celeron® 2000E 2.2 GHz (TC3: 50)
C9900-C563	processor 4th Generation Intel® Core™ i5 4400E, 2.7 GHz, 2 cores (TC3: 70), instead of Intel® Celeron® 2000E 2.2 GHz (TC3: 50)
C9900-C571	processor 4th Generation Intel® Core™ i5 4410E, 2.9 GHz, 2 cores (TC3: 70), instead of Intel® Celeron® 2000E 2.2 GHz (TC3: 50)
C9900-C564	processor 4th Generation Intel® Core™ i7 4700EQ, 2.4 GHz, 4 cores (TC3: 80), instead of Intel® Celeron® 2000E 2.2 GHz (TC3: 50)
C9900-R257	memory extension to 4 GB DDR3L RAM, instead of 2 GB, requires a 64 bit operating system or only 3 GB are addressable
C9900-R258	memory extension to 8 GB DDR3L RAM, instead of 2 GB, requires a 64 bit operating system
C9900-R259	memory extension to 16 GB DDR3L RAM, instead of 2 GB, requires a 64 bit operating system
FC9062	Gigabit Ethernet PCIe module for PCs with Beckhoff PCIe module slots, 2-channel, PCI Express x1 bus
C9900-E277	USB 3.0 PCIe module - 2-port USB 3.0 interfaces - USB transfer rate up to 5 Gbit/s for USB 3.0 - compatible to all USB standards - delivers up to 1 A supply current at each USB port
C9900-B507	2 PCIe plug-in card slots on the passive backplane integrated inside C6930, to plug-in PCIe x1 cards up to 190 mm (7.5") length. The connectors of the plug-in cards are located at the top side of the PC on the right. The width of the PC housing is increased by 70 mm (2.76"), the depth is increased by 18 mm (0.7").
C9900-B511	2 PCI plug-in card slots on the passive backplane integrated inside C6930, to plug-in PCI cards up to 190 mm (7.5") length. The connectors of the plug-in cards are located at the top side of the PC on the right. The width of the PC housing is increased by 70 mm (2.76"), the depth is increased by 18 mm (0.7").
C9900-B515	1 PCI and 1 PCIe plug-in card slot on a passive backplane integrated inside C6930, to plug-in one PCI and one PCIe x1 card up to 190 mm (7.5") length. The connectors of the plug-in cards are located at the top side of the PC on the right. The width of the PC housing is increased by 70 mm (2.76"), the depth is increased by 18 mm (0.7").
C9900-M653	mounting plate at the side wall, instead of plate at the rear wall
C9900-E255	Serial port RS232, optically linked, overload protection,D-sub 9-pin connector.
C9900-E256	Serial port RS485, optically linked, overload protection, D-sub 9-pin connector. Configuration as an end point without echo: echo off, auto send on, always send off, auto receive on, always receive off, termination on
C9900-E257	Serial port RS422, optically linked, overload protection, D-sub 9-pin connector. Configuration as a full duplex end point: echo on, auto send off, always send on, auto receive off, always receive on, termination on
C9900-E221	2 USB ports of the motherboard led out in the front of a C6930
C9900-E222	Sound line input and sound line output of the motherboard led out in the front of a C6930
C9900-E237	additional DVI-D plug led out on a module bracket
C9900-E238	additional DVI-D plug led out on a slot bracket, only for PCs with plug-in card slots
FC9071-0000	Gigabit Ethernet PC interface card, 10/100/1000 Mbit/s, 1-channel, PCIe interface, occupies the connecting area of the Mini PCI card
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-H145	additional hard disk, 2½-inch, 320 GB
C9900-H741	solid-state disk SSD, 3D flash, 2½-inch, 120 GB
C9900-H749	solid-state disk SSD, 3D flash, 2½-inch, 240 GB
C9900-H745	solid-state disk SSD, 3D flash, 2½-inch, 480 GB
C9900-H700	solid-state disk SSD, SLC flash, 2½-inch, 32 GB
C9900-H705	solid-state disk SSD, SLC flash, 2½-inch, 64 GB
C9900-H735	solid-state disk SSD, SLC flash, 2½-inch, 128 GB
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-D194	PC with 2 slots for CFast cards and 1 slot for 2½-inch hard disk or SSD, instead of 2 slots for 2½-inch hard disks or SSDs 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

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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

C6930-0020/-0030/-0040 with plug-in card slots

Top view

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