

C5210-0020 | 19-inch slide-in Industrial PC

Variants	Processor	available
C5210-0030	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
C5210-0020	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
C5210-0010	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*)	No longer available

*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.

C5210-0020	19-inch slide-in Industrial PC
Housing	slide-in housing for 19-inch racks, 1 rack unit
	all drives accessible from the front
	2 removable frames for hard disks
	1 DVD drive slot, 2 USB sockets, reset key and ATX key behind a lockable front flap
	status LEDs
	all connectors at the rear side
	2 PCIe module slots to plug-in Beckhoff PCIe modules or to lead out interfaces of the motherboard ex factory
	protection class IP 20
	operating temperature 0...55 °C
	dimensions (W x H x D) 482.7 x 44 x 493.8 mm (19" x 1.7" x 19.44")
depth behind the front 471.3 mm (18.56")	
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, 3½-inch, 1 TB
	4 serial ports RS232 on-board, 1 of these RS232 ports is led out with D-sub 9 connector
	2 USB 3.0 ports and 2 USB 2.0 ports at the rear side, 2 USB 2.0 ports behind the front flap
100...240 V AC full range power supply	

Options	C5210-0020
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-D102	CD/DVD-ROM drive slimline
C9900-D118	multi DVD drive slimline, reads CD-ROM and DVD-ROM, reads and writes CD-R/-RW, DVD-R/+R/-RW/+RW 4.7 GB and DVD-R/+R DL 8.5 GB
C9900-M712	telescope rails for C5210, rails including bracket set for 19-inch rack assembly
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
C9900-E237	additional DVI-D plug led out on a module bracket
C9900-E240	Serial port COM2 RS232, optically linked, overload protection, D-sub 9-pin connector.
C9900-E241	Serial port COM2 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-E242	Serial port COM2 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
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-H201	hard disk drive, 3½-inch, 2 TB, instead of hard disk 1 TB
C9900-H202	hard disk drive, 3½-inch, 4 TB, instead of hard disk 1 TB, requires a 64 bit operating system and UEFI instead of BIOS
C9900-B528	BIOS for booting from storage media bigger than 2 TB, UEFI activated
C9900-H152	additional hard disk drive, 3½-inch, 1 TB
C9900-H203	additional hard disk drive, 3½-inch, 2 TB
C9900-H204	additional hard disk drive, 3½-inch, 4 TB
C9900-M629	removable frame for a 2½-inch SSD, instead of removable frame for a 3½-inch hard disk
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-H743	solid-state disk SSD, 3D flash, 2½-inch, 120 GB, instead of 3½-inch hard disk
C9900-H751	solid-state disk SSD, 3D flash, 2½-inch, 240 GB, instead of 3½-inch hard disk
C9900-H747	solid-state disk SSD, 3D flash, 2½-inch, 480 GB, instead of 3½-inch hard disk
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-H702	solid-state disk SSD, SLC flash, 2½-inch, 32 GB, instead of 3½-inch hard disk
C9900-H707	solid-state disk SSD, SLC flash, 2½-inch, 64 GB, instead of 3½-inch hard disk
C9900-H737	solid-state disk SSD, SLC flash, 2½-inch, 128 GB, instead of 3½-inch hard disk
C9900-P208	24 V DC power supply, instead of 100–240 V AC full range power supply, occupies one serial port
C9900-P209	24 V DC power supply with integrated UPS, instead of 100–240 V AC full range power supply, occupies one serial port
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
C9900-U120	uninterruptible power supply UPS, external, 230 V
C9900-U122	uninterruptible power supply UPS, external, 115 V
C9900-M623	wall mounting frame for uninterruptible power supply C9900-U120, C9900-U122 and C9900-U124