

C6140-0060 | Control cabinet Industrial PC

Variants	Processor	available
C6140-0050	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, but not recommended for new projects
C6140-0060	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
C6140-0070	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.

C6140-0060	Control cabinet PC	
Housing	7-slot ATX Industrial PC for control cabinet installation	
	3 PCI slots for plug-in cards with a length of up to 270 mm and 4 PCI Express slots for plug-in cards with a length of up to 240 mm	
	drives and plug-in cards easily accessible	
	all connectors on the top	
	detailed PC configuration information on the front	
	status LEDs and protected reset key	
	card holders, actuated without tools	
	protection class IP 20	
	operating temperature 0...55 °C	
	weight of the basic configuration 14 kg (30.9 lbs)	
	dimensions (W x H x D) 383 x 362 x 265 mm (14.9" x 14.1" x 10.5")	
	Features	processor Intel® Pentium® G3320TE 2.3 GHz, 2 cores (TC3: 50)
		ATX motherboard for 4th Generation Intel® Core™ i3, Core™ i5, Core™ i7 or Pentium®
2 PCIe x1 slots, 1 PCIe x4 slot, 1 PCIe x16 slot and 3 PCI slots free		
2 GB DDR3L RAM, expandable to 32 GB		
Graphic adapter integrated inside the Intel® processor, 2 DVI and 1 DisplayPort 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; 10 USB 2.0, 2 of these USB ports are led out; 2 USB 3.0 ports are led out		
PS/2 keyboard socket and PS/2 mouse socket		
100–240 V AC full range power supply		

Options	C6140-0060
C9900-C559	processor 4th Generation Intel® Core™ i3 4330TE, 2.4 GHz, 2 cores (TC3: 60), instead of Intel® Pentium® G3320TE 2.3 GHz (TC3: 50)
C9900-C568	processor 4th Generation Intel® Core™ i3 4350T, 3.1 GHz, 2 cores (TC3: 60), instead of Intel® Pentium® G3320TE 2.3 GHz (TC3: 50)
C9900-C560	processor 4th Generation Intel® Core™ i5 4570TE, 2.7 GHz, 2 cores (TC3: 70), instead of Intel® Pentium® G3320TE 2.3 GHz (TC3: 50)
C9900-C569	processor 4th Generation Intel® Core™ i5 4590T, 2.0 GHz, 4 cores (TC3: 70), instead of Intel® Pentium® G3320TE 2.3 GHz (TC3: 50)
C9900-C561	processor 4th Generation Intel® Core™ i7 4770TE, 2.3 GHz, 4 cores (TC3: 80), instead of Intel® Pentium® G3320TE 2.3 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
C9900-R260	memory extension to 32 GB DDR3L RAM, instead of 2 GB, requires a 64 bit operating system
C9900-E195	2 USB ports of the motherboard led out in one slot bracket
C9900-E166	2 serial interfaces RS232 of the motherboard led out with 2 D-sub, 9-pin connectors in one slot bracket
C9900-E203	1 serial port RS232 from the motherboard led out with one D-sub, 9-pin connector in one slot bracket
C9900-E209	Module to optically link one serial RS232 port of the motherboard, with overload protection, D-sub, 9-pin, to be mounted inside of slot bracket C9900-M568, C9900-M569 or inside a C66xx at the connector bracket C9900-M571. A bracket is required.
C9900-E210	Module to convert one serial RS232 port of the motherboard into RS485, configured as an end point without echo, D-sub, 9-pin, optically linked, overload protection, to be mounted inside the slot brackets C9900-M568, C9900-M569 or inside a C66xx at the connector bracket C9900-M571. A slot bracket is required.
C9900-E211	Module to convert one serial RS232 port of the motherboard into RS422, configured as a full duplex end point, D-sub, 9-pin, optically linked, overload protection, to be mounted inside the slot brackets C9900-M568, C9900-M569 or inside a C66xx at the connector bracket C9900-M571. A bracket is required.
C9900-M568	Slot bracket for one serial port C9900-E209, C9900-E210 or C9900-E211. Can be ordered only together with one module.
C9900-M569	Slot bracket for two serial ports C9900-E209, C9900-E210 or C9900-E211. Can be ordered only together with two modules.
C9900-H754	solid-state disk SSD, 3D flash, 2½-inch, 120 GB, with mounting adapter, instead of 3½-inch hard disk
C9900-H755	solid-state disk SSD, 3D flash, 2½-inch, 240 GB, with mounting adapter, instead of 3½-inch hard disk
C9900-H756	solid-state disk SSD, 3D flash, 2½-inch, 480 GB, with mounting adapter, instead of 3½-inch hard disk
C9900-H704	solid-state disk SSD, SLC flash, 2½-inch, 32 GB, with mounting adapter, instead of 3½-inch hard disk
C9900-H709	solid-state disk SSD, SLC flash, 2½-inch, 64 GB, with mounting adapter, instead of 3½-inch hard disk
C9900-H740	solid-state disk SSD, SLC flash, 2½-inch, 128 GB, with mounting adapter, instead of 3½-inch hard disk
C9900-D192	slot for 1 CFast card, SATA connector, for installation into a plug-in card slot
C9900-H585	30 GB CFast card, 3D flash, extended temperature range, instead of 3½-inch hard disk
C9900-H589	60 GB CFast card, 3D flash, extended temperature range, instead of 3½-inch hard disk
C9900-H556	4 GB CFast card, SLC flash, extended temperature range, instead of 3½-inch hard disk, less price
C9900-H557	8 GB CFast card, SLC flash, extended temperature range, instead of 3½-inch hard disk, less price
C9900-H558	16 GB CFast card, SLC flash, extended temperature range, instead of 3½-inch hard disk
C9900-H566	32 GB CFast card, SLC flash, extended temperature range, instead of 3½-inch hard disk
C9900-H570	64 GB CFast card, SLC flash, extended temperature range, instead of 3½-inch hard disk
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-D120	CD/DVD-ROM drive
C9900-D245	multi DVD drive, 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-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
C9900-xxxx	Flash cards, PCI and PCIe cards as listed in the attachment. Examples: Compact Flash, CFast, fieldbus interface, network adapter, serial interface card, modem