

# C6240-0070 | Control cabinet Industrial PC

Variants	Processor	available
<b>C6240-0050</b>	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
<b>C6240-0060</b>	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
<b>C6240-0070</b>	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.

C6240-0070	Control cabinet PC
<b>Housing</b>	7-slot ATX Industrial PC for control cabinet installation
	mounting sheet for horizontal PC installation
	all slots for plug-in cards with a length of up to 190 mm
	drives and plug-in cards easily accessible
	all connectors on the front
	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 12.3 kg (27.2 lbs)
	dimensions (W x H x D) 430 x 170 x 274 mm (16.9" x 6.7" x 10.8")
	<b>Features</b>
ATX motherboard for 6th and 7th Generation Intel® Core™ i3, Core™ i5, Core™ i7, Celeron® or Pentium®	
2 PCIe x1 slots, 2 PCIe x4 slots, 1 PCIe x16 slot and 2 PCI slots free	
4 GB DDR4 RAM, expandable to 64 GB, with a 32 bit operating system only 3 GB are addressable.	
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 on-board, not led out; 4 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	C6240-0070
C9900-C611	processor 6th Generation Intel® Pentium® G4400, 3.3 GHz, 2 cores (TC3: 50), instead of Intel® Celeron® G3900 2.8 GHz (TC3: 50)
C9900-C612	processor 6th Generation Intel® Core™ i3-6100, 3.7 GHz, 2 cores (TC3: 60), instead of Intel® Celeron® G3900 2.8 GHz (TC3: 50)
C9900-C615	processor 7th Generation Intel® Core™ i3-7101E, 3.9 GHz, 2 cores (TC3: 60), requires Windows 10, 64 bit, instead of Intel® Celeron® G3900 2.8 GHz (TC3: 50)
C9900-C613	processor 6th Generation Intel® Core™ i5-6500, 3.2 GHz, 4 cores (TC3: 70), instead of Intel® Celeron® G3900 2.8 GHz (TC3: 50)
C9900-C616	processor 7th Generation Intel® Core™ i5-7500, 3.4 GHz, 4 cores (TC3: 70), requires Windows 10, 64 bit, instead of Intel® Celeron® G3900 2.8 GHz (TC3: 50)
C9900-C614	processor 6th Generation Intel® Core™ i7-6700, 3.4 GHz, 4 cores (TC3: 80), instead of Intel® Celeron® G3900 2.8 GHz (TC3: 50)
C9900-C617	processor 7th Generation Intel® Core™ i7-7700, 3.6 GHz, 4 cores (TC3: 80), requires Windows 10, 64 bit, instead of Intel® Celeron® G3900 2.8 GHz (TC3: 50)
C9900-R270	memory extension to 8 GB DDR4 RAM, instead of 4 GB, requires a 64 bit operating system
C9900-R271	memory extension to 16 GB DDR4 RAM, instead of 4 GB, requires a 64 bit operating system
C9900-R272	memory extension to 32 GB DDR4 RAM, instead of 4 GB, requires a 64 bit operating system
C9900-R273	memory extension to 64 GB DDR4 RAM, instead of 4 GB, requires a 64 bit operating system
C9900-M639	mounting plate at C6240 for vertical PC installation, instead of mounting sheet for horizontal PC installation, slots in the lower half of the PC
C9900-M630	cable carrier chain for C6240
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-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-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-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-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-H407	2 x hard disk 2½-inch 320 GB, instead of 1 x hard disk 3½-inch inside Industrial PC C6240
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-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