

C3620-0070 | Panel PC

Variants	Processor	available
C3620-0050	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
C3620-0060	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
C3620-0070	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.

C3620-0070	Built-in Panel PC
Housing	<ul style="list-style-type: none"> built-in housing, 388 x 324 mm 7-slot processor core for ATX motherboard PC to be opened from the back side all components easily accessible 7 slots for up to 220 mm long plug-in cards card holders, actuated without tools protection class front side IP 65, rear side IP 20 operating temperature 0...55 °C weight of the basic configuration 11.5 kg (25.4 lbs) dimensions (W x H x D) 388 x 324 x 201 mm (15.3" x 12.8" x 7.9"), depth behind front 193 mm (7.6")
Front panel	12-inch TFT display, resolution 800 x 600
Features	<ul style="list-style-type: none"> processor Intel® Celeron® G3900 2.8 GHz, 2 cores (TC3: 50) 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. 1 DVI connector is occupied by the display in the front. 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 on the back side 100–240 V AC full range power supply

Options	C3620-0070
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-T306	touch screen, with separate controller circuit board, 12-inch
C9900-T902	touch screen pen with wall holder for CP6xxx, C33xx and C36xx
C9900-E108	2-port USB socket inside the front of a C3620, DIN 8-pin with screw-on cap IP 65, with adapter cable from DIN 8-pin to 2 x USB
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-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-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