

C6250-0080 | Control cabinet Industrial PC

Variants	Processor	available
C6250-0060	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*)	yes, but not recommended for new projects
C6250-0070	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
C6250-0080	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.

C6250-0080	Control cabinet PC
Housing	7-slot ATX Industrial PC for control cabinet installation
	mounting sheet for horizontal installation
	2 slots slots for up to 220 mm long plug-in cards and 3 slots for up to 190 mm long plug-in cards
	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 19.8 kg (43.7 lbs)
	dimensions (W x H x D) 680 x 184 x 270 mm (26.8" x 7.2" x 10.7")
	Features
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	C6250-0080
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-M635	mounting plate and drive orientation at C6250 for vertical PC installation instead of mounting sheet for horizontal PC installation, horizontal drives on top of the PC
C9900-M636	mounting plate and drive orientation at C6250 for vertical PC installation instead of mounting sheet for horizontal PC installation, horizontal drives on bottom of the PC
C9900-M631	cable carrier chain for C6250
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-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-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-M617	removable frame for a 3½-inch hard disk
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-M628	removable frame for a 2½-inch SSD
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-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