

C3320-0060 | 19-inch Panel PC

Variants	Processor	available
C3320-0070	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, but not recommended for new projects (use instead CP22xx)
C3320-0060	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, but not recommended for new projects (use instead CP22xx)
C3320-0050	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*)	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.

C3320-0060	19-inch Panel PC
Housing	19-inch built-in housing, 8 rack units
	7-slot processor core for ATX motherboard
	PC to be opened from the front
	all components easily accessible from the front
	3 PCI slots for full-length plug-in cards and 4 PCI Express slots for up to 240 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 18 kg (39.8 lbs)
	dimensions (W x H x D) 482.7 x 355 x 282 mm (19" x 14" x 11.1"), depth behind front 261 mm (10.4")
Front panel	12 function keys, Escape, Enter, numeric keys, cursor keys
	10 PLC special keys with LED, special keys identified by slide-in labels
	12-inch TFT display, resolution 800 x 600
	lockable front flap with bays for one 3½-inch and one 5¼-inch drive
	status LEDs on the front panel
	reset key behind the front flap
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. 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, 2 of these USB ports are led out; 2 USB 3.0 ports are led out; COM4 is used for controlling the PLC special keys and the LEDs on the front
	100...240 V AC full range power supply

Options	C3320-0060
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-M710	installation frame with telescope rails for C33xx to mount the PC from the front side
C9900-T304	touch screen, 12-inch, with controller on the keyboard controller circuit board, not available with touch pad
C9900-T400	touch pad, occupies one USB port, not available with touch screen
C9900-T902	touch screen pen with wall holder for CP6xxx, C33xx and C36xx
C9900-E123	USB socket with 2 ports under the front flap
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-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-H763	solid-state disk SSD, 3D flash, 2½-inch, 960 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	40 GB CFast card, 3D flash, extended temperature range, instead of 3½-inch hard disk
C9900-H589	80 GB CFast card, 3D flash, extended temperature range, instead of 3½-inch hard disk
C9900-H626	160 GB CFast card, 3D 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