

C6525-0060 | Fanless built-in Industrial PC

Variants	Processor	available
C6525-0060	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
C6525-0050	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*) (4th generation)	yes
C6525-0040	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.

C6525-0060	Built-in Industrial PC
Housing	<p>built-in Industrial PC with external cooling to be mounted in the back panel of a control housing or in the wall of a control cabinet</p> <p>1 slot for 2½-inch hard disk or SSD and 1 slot for CFast</p> <p>hard disk, SSD, CFast and lithium battery of the system clock easily exchangeable</p> <p>passive cooling through heat sink structure outside</p> <p>20 cm free space required around the heat sink of the PC for air circulation</p> <p>protection class outside IP 65, inside IP 20</p> <p>operating temperature outside 0...45 °C, inside 0...55 °C</p> <p>weight of the basic configuration 5.9 kg (13.0 lbs)</p> <p>dimensions (W x H x D) 330 x 275 x 82 mm (13" x 10.8" x 3.2")</p>
Features	<p>processor Intel® Celeron® G3900TE 2.3 GHz, 2 cores (TC3: 50)</p> <p>3½-inch motherboard for 6th and 7th Generation Intel® Core™ i3, Core™ i5, Core™ i7, Celeron® or Pentium®</p> <p>4 GB DDR4 RAM, expandable to 32 GB, with a 32 bit operating system only 3 GB are addressable.</p> <p>graphic adapter integrated inside the Intel® processor, 1 DVI-D connector</p> <p>on-board dual Ethernet adapter with 2 x 100/1000BASE-T connector</p> <p>on-board SATA RAID 1 controller, Intel® Rapid Storage Technology</p> <p>hard disk, 2½-inch, 320 GB</p> <p>1 serial port and 4 USB 3.0 ports</p> <p>24 V DC power supply</p>

Options	C6525-0060
C9900-C607	processor 6th Generation Intel® Pentium® G4400TE, 2.4 GHz, 2 cores (TC3: 50), instead of Intel® Celeron® G3900TE 2.3 GHz (TC3: 50)
C9900-C608	processor 6th Generation Intel® Core™ i3-6100TE, 2.7 GHz, 2 cores (TC3: 60), instead of Intel® Celeron® G3900TE 2.3 GHz (TC3: 50)
C9900-C618	processor 7th Generation Intel® Core™ i3-7101(T)E, 3.4 GHz, 2 cores (TC3: 60), requires Windows 10, 64 bit, instead of Intel® Celeron® G3900TE 2.3 GHz (TC3: 50)
C9900-C609	processor 6th Generation Intel® Core™ i5-6500TE, 2.3 GHz, 4 cores (TC3: 70), instead of Intel® Celeron® G3900TE 2.3 GHz (TC3: 50)
C9900-C619	processor 7th Generation Intel® Core™ i5-7500(T), 2.7 GHz, 4 cores (TC3: 70), requires Windows 10b 64 bit, instead of Intel® Celeron® G3900TE 2.3 GHz (TC3: 50)
C9900-C610	processor 6th Generation Intel® Core™ i7-6700TE, 2.4 GHz, 4 cores (TC3: 80), instead of Intel® Celeron® G3900TE 2.3 GHz (TC3: 50)
C9900-C620	processor 7th Generation Intel® Core™ i7-7700(T), 2.9 GHz, 4 cores (TC3: 80), requires Windows 10, 64 bit, instead of Intel® Celeron® G3900TE 2.3 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-B503	2 PCIe module slots integrated inside C6525, to plug-in Beckhoff PCIe modules or to lead out interfaces of the motherboard ex factory. The depth of the inner enclosure cover is increased by 27 mm (1.1").
C9900-B505	2 PCIe plug-in card slots on the passive backplane integrated inside C6525, to plug-in PCIe x1 cards up to 190 mm (7.5") length. The depth of the inner enclosure cover is increased by 58 mm (2.3").

C9900-B509	2 PCI plug-in card slots on the passive backplane integrated inside C6525, to plug-in PCI cards up to 190 mm (7.5") length, the depth of the inner enclosure cover is increased by 58 mm (2.3").
C9900-B513	1 PCI and 1 PCIe plug-in card slot on a passive backplane integrated inside C6525, to plug-in one PCI and one PCIe x1 card up to 190 mm (6.3") length. The depth of the back cover is increased by 58 mm (2.3").
C9900-E294	additional DisplayPort interface, occupies the fieldbus connection section. Max. resolution 1920 x 1080
C9900-E238	additional DVI-D plug led out on a slot bracket, only for PCs with plug-in card slots
FC9071-0000	Gigabit Ethernet PC interface card, 10/100/1000 Mbit/s, 1-channel, PCIe interface, occupies the connecting area of the Mini PCI card
C9900-H742	solid-state disk SSD, 3D flash, 2½-inch, 120 GB, instead of 2½-inch hard disk
C9900-H750	solid-state disk SSD, 3D flash, 2½-inch, 240 GB, instead of 2½-inch hard disk
C9900-H746	solid-state disk SSD, 3D flash, 2½-inch, 480 GB, instead of 2½-inch hard disk
C9900-H701	solid-state disk SSD, SLC flash, 2½-inch, 32 GB, instead of 2½-inch hard disk
C9900-H706	solid-state disk SSD, SLC flash, 2½-inch, 64 GB, instead of 2½-inch hard disk
C9900-H736	solid-state disk SSD, SLC flash, 2½-inch, 128 GB, instead of 2½-inch hard disk
C9900-D191	PC with 2 slots for 2½-inch hard disks or SSDs, instead of 1 slot for a hard disk or SSD and 1 slot for CFast
C9900-H145	additional hard disk, 2½-inch, 320 GB
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-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-D190	2 slots for CFast cards, instead of 1 slot for a 2½-inch hard disk or SSD and 1 slot for CFast
C9900-H583	30 GB CFast card, 3D flash, extended temperature range
C9900-H587	60 GB CFast card, 3D flash, extended temperature range
C9900-H552	16 GB CFast card, SLC flash, extended temperature range
C9900-H563	32 GB CFast card, SLC flash, extended temperature range
C9900-H568	64 GB CFast card, SLC flash, extended temperature range
C9900-H584	30 GB CFast card, 3D flash, extended temperature range, instead of 2½-inch hard disk
C9900-H588	60 GB CFast card, 3D flash, extended temperature range, instead of 2½-inch hard disk
C9900-H555	16 GB CFast card, SLC flash, extended temperature range, instead of 2½-inch hard disk
C9900-H565	32 GB CFast card, SLC flash, extended temperature range, instead of 2½-inch hard disk
C9900-H569	64 GB CFast card, SLC flash, extended temperature range, instead of 2½-inch hard disk
C9900-U209	uninterruptible power supply UPS, integrated into the 24 V power supply, without battery, occupies one internal serial Interface
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

C6525-0060	Options for C6525 with 2 module slots C9900-B503
FC9062	Gigabit Ethernet PCIe module for PCs with Beckhoff PCIe module slots, 2-channel, PCI Express x1 bus
C9900-E301	RS232 PCIe module - 2 serial interfaces RS232 - transfer rate up to 921,600 bps - 2 sockets Harting ix type B - requires 2 adapter cable C9900-K920 Harting ix type B to D-Sub 9 pin
C9900-K920	adapter cable Harting ix Type B to D-sub 9-pin for C9900-E301 RS232 PCIe module, length 45 cm
C9900-E277	USB 3.0 PCIe module - 2-port USB 3.0 interfaces - USB transfer rate up to 5 Gbit/s for USB 3.0 - compatible to all USB standards - delivers up to 1 A supply current at each USB port
C9900-E234	2 USB ports of the motherboard led out at the connection section of a C5210, C65x5, CP2xxx, CP62xx or CP67xx-xxxx-0040/-0050
C9900-E292	additional DisplayPort interface, led out on the PCIe module bracket of a C5210, C65xx or C69xx with PCIe module slots ex factory. Max. resolution 1920 x 1080
C9900-E237	additional DVI-D plug led out on a module bracket