

# C6925-0020 | Fanless control cabinet Industrial PC

## Intel® Atom™ with up to four cores or Celeron® ULV

Variants	Processor	available
C6925-0030	Intel® Atom™, 1 Core (TC3: 40*), Intel® Atom™, 2 Cores (TC3: 40*) or Intel® Atom™, 4 Cores (TC3: 50*)	yes
C6925-0020	Intel® Celeron® ULV (TC3: 50*)	yes, but not recommended for new projects

\*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.

C6925-0020	Fanless control cabinet PC
Housing	fanless industrial PC for space-saving control cabinet installation
	mounting sheet at the rear wall
	all connectors on the front
	status LEDs
	lithium battery accessible behind the front flap
	1 slot for one CFast flash card behind the front flap
	2 PCIe module slots to plug-in Beckhoff PCIe modules or to lead out interfaces of the motherboard ex factory
	passive cooling without fan with a heat sink
	5 cm (2") free space on top and bottom of the PC necessary for air circulation
	protection class IP 20
	operating temperature 0...55 °C
	weight of the basic configuration 1.75 kg (3.9 lbs)
	compact dimensions (W x H x D) 65 x 223 x 121 mm (2.6" x 8.8" x 4.8") without mounting plate
Features	processor Intel® Celeron® ULV 827E 1.4 GHz, 1 core (TC3: 50)
	3½-inch motherboard for Intel® Celeron® ULV 827E
	2 GB DDR3 RAM, expandable ex factory to 8 GB
	graphic adapter integrated inside the Intel® processor, 1 DVI-I connector
	on-board dual Ethernet adapter with 2 x 100/1000BASE-T connector
	on-board SATA RAID 1 controller, Intel® Rapid Storage Technology
	4 GB CFast card, extended temperature range
	4 x USB 2.0
	24 V DC power supply
	Microsoft Windows Embedded Compact 7, English

Options	C6925-0020
C9900-R249	memory extension to 4 GB DDR3 RAM, instead of 2 GB, requires a 64 bit operating system or only 3 GB are addressable
C9900-R250	memory extension to 8 GB DDR3 RAM, instead of 2 GB, requires a 64 bit operating system
C9900-M653	mounting plate at the side wall, instead of plate at the rear wall
C9900-B415	third on-board Ethernet adapter on the 3½-inch motherboard for Intel® Atom™ or Intel® Celeron® ULV 827E 1.4 GHz, wired out with a 100/1000BASE-T connector inside the connector bracket at the connection section
FC9062	Gigabit Ethernet PCIe module for PCs with Beckhoff PCIe module slots, 2-channel, PCI Express x1 bus
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-E237	additional DVI-D plug led out on a module bracket
C9900-E255	Serial port RS232, optically linked, overload protection, D-sub 9-pin connector.
C9900-E256	Serial port RS485, optically linked, overload protection, D-sub 9-pin connector. Configuration as an end point without echo: echo off, auto send on, always send off, always receive off, termination on
C9900-E257	Serial port RS422, optically linked, overload protection, D-sub 9-pin connector. Configuration as a full duplex end point: echo on, auto send off, always send on, auto receive off, always receive on, termination on
C9900-Z411	adapter plug DVI-I to VGA
C9900-Z413	adapter cable DVI-I to DVI and VGA, 15 cm
C9900-H586	30 GB CFast card, 3D flash, extended temperature range, instead of 4 GB CFast card

C9900-H590	60 GB CFast card, 3D flash, extended temperature range, instead of 4 GB CFast card
C9900-H559	8 GB CFast card, SLC flash, extended temperature range, instead of 4 GB CFast card
C9900-H560	16 GB CFast card, SLC flash, extended temperature range, instead of 4 GB CFast card
C9900-H567	32 GB CFast card, SLC flash, extended temperature range, instead of 4 GB CFast card
C9900-H571	64 GB CFast card, SLC flash, extended temperature range, instead of 4 GB CFast card
C9900-D197	2 slots for CFast cards, instead of 1 slot for one CFast card, not possible in combination with a serial interface
C9900-H583	30 GB CFast card, 3D flash, extended temperature range
C9900-H587	60 GB CFast card, 3D flash, extended temperature range
C9900-H550	4 GB CFast card, SLC flash, extended temperature range
C9900-H551	8 GB CFast card, SLC 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-D198	1 slot for one 2½ inch hard disk or SSD, instead of 1 slot for one CFast card
C9900-H200	hard disk, 2½-inch, 320 GB, instead of 4 GB CFast card, requires Windows Embedded Standard 7, Windows 7 Professional, Windows 7 Ultimate or Windows 10 IoT Enterprise, PC operating temperature 0...45 °C
C9900-H744	solid-state disk SSD, 3D flash, 2½-inch, 120 GB, instead of 4 GB CFast card, requires Windows Embedded Standard 7, Windows 7 Professional, Windows 7 Ultimate or Windows 10 IoT Enterprise
C9900-H752	solid-state disk SSD, 3D flash, 2½-inch, 240 GB, instead of 4 GB CFast card, requires Windows Embedded Standard 7, Windows 7 Professional, Windows 7 Ultimate or Windows 10 IoT Enterprise
C9900-H748	solid-state disk SSD, 3D flash, 2½-inch, 480 GB, instead of 4 GB CFast card, requires Windows Embedded Standard 7, Windows 7 Professional, Windows 7 Ultimate or Windows 10 IoT Enterprise
C9900-H710	solid-state disk SSD, SLC flash, 2½-inch, 32 GB, instead of 4 GB CFast card, requires Windows Embedded Standard 7, Windows 7 Professional, Windows 7 Ultimate or Windows 10 IoT Enterprise
C9900-H711	solid-state disk SSD, SLC flash, 2½-inch, 64 GB, instead of 4 GB CFast card, requires Windows Embedded Standard 7, Windows 7 Professional, Windows 7 Ultimate or Windows 10 IoT Enterprise
C9900-H739	solid-state disk SSD, SLC flash, 2½-inch, 128 GB, instead of 4 GB CFast card, requires Windows Embedded Standard 7, Windows 7 Professional, Windows 7 Ultimate or Windows 10 IoT Enterprise
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
C9900-U332-0010	battery pack for 24 V power supply with integrated UPS C9900-U209 at PCs with Intel® Atom™ or Celeron® ULV 827E 1.4 GHz processor, external, for DIN rail mounting, 1.3 Ah, operating temperature 0...50 °C
C9900-S706	TwinCAT 2 PLC runtime for Windows Embedded Compact 7
C9900-S707	TwinCAT 2 NC PTP runtime for Windows Embedded Compact 7
C9900-S708	TwinCAT 2 NC I runtime for Windows Embedded Compact 7