

C6017-0010 | Ultra-compact Industrial PC

Intel® Atom™ with up to four cores

Variants	Processor	available
C6017-0020	Intel® Atom™, 2 Cores (TC3: 40*) or Intel® Atom™, 4 Cores (TC3: 50*)	September 2019
C6017-0010	Intel® Atom™, 1 Core (TC3: 40*), Intel® Atom™, 2 Cores (TC3: 40*) or Intel® Atom™, 4 Cores (TC3: 50*)	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.

C6017-0010	Ultra-compact Industrial PC
Housing	fanless industrial PC for space-saving control cabinet installation
	housing prepared for ex work installation of further configurations
	mounting plate on the rear wall
	all connectors on the same level
	flexible mounting mechanism for the free alignment of the connecting area
	aluminium zinc die-cast housing
	status LEDs
	lithium battery easily accessible
	1 slot for one M.2 SSD easily accessible
	passive, fanless cooling with one-sided cool plate
	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
Features	compact dimensions (W x H x D) 82 x 82 x 66 mm (3.2" x 3.2" x 2.6") without mounting plate
	Intel® Atom™ E3815, 1.46 GHz, 1 core (TC3: 40)
	compact motherboard for Intel® Atom™
	2 GB DDR3L RAM, expandable ex factory to 4 GB
	graphic adapter integrated inside the Intel® processor, 1 DisplayPort connector
	on-board dual Ethernet adapter with 2 x 100/1000BASE-T connector
	30 GB M.2 SSD, 3D flash, extended temperature range
	1 USB 3.0 port and 1 USB 2.0 port
	24 V DC power supply
	Microsoft Windows Embedded Compact 7, English

Options	C6017-0010
C9900-C582	processor Intel® Atom™ E3827, 1.75 GHz, 2 cores (TC3: 40) and memory extension to 4 GB DDR3L RAM instead of Intel® Atom™ E3815, 1.46 GHz (TC3: 40) and 2 GB DDR3L RAM main memory. Memory extension requires a 64 bit operating system or only 3 GB are addressable. With Microsoft Windows Embedded Compact 7 only one core is supported. Multicore support is available with Windows Embedded Standard 7, Windows 7 Professional, Windows 7 Ultimate and Windows 10 IoT Enterprise.
C9900-C583	processor Intel® Atom™ E3845, 1.91 GHz, 4 cores (TC3: 50) and memory extension to 4 GB DDR3L RAM instead of Intel® Atom™ E3815, 1.46 GHz (TC3: 40) and 2 GB DDR3L RAM main memory. Memory extension requires a 64 bit operating system or only 3 GB are addressable. Operating temperature range 0...50 °C With Microsoft Windows Embedded Compact 7 only one core is supported. Multicore support is available with Windows Embedded Standard 7, Windows 7 Professional, Windows 7 Ultimate and Windows 10 IoT Enterprise.
C9900-E302	additional connectors in the front of a C6017, dual Ethernet adapter with 2 x 100/1000BASE-T connector and 2 USB 2.0 ports
C9900-H591	60 GB M.2 SSD, 3D flash, extended temperature range, for C601x, instead of 30 GB M.2 SSD
C9900-H599	160 GB M.2 SSD, 3D flash, extended temperature range, for C601x, instead of 30 GB M.2 SSD
C9900-Z468	adapter cable DisplayPort to DVI, 40 cm
C9900-M664	mounting plate for C601x at the side wall, instead of plate at the rear wall
C9900-M665	mounting plate for lateral installation of the C601x; single part, not mounted
C9900-M666	mounting plate with DIN rail mounting adapter for C601x, instead of standard mounting plate
C9900-M667	mounting plate with DIN rail mounting adapter for C601x; single part, not mounted

C9900-U215	internal, capacitive 1-second UPS to ensure secure backup of persistent application data on the M.2 SSD, requires TwinCAT and Windows Embedded Compact 7, Windows Embedded Standard 7 or Windows 10 IoT Enterprise
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