

CP37xx-0010 | Multi-touch Panel PC

The Industrial PC with mounting arm and 3½-inch motherboard

Variants	Processor	available
CP37xx-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.

CP37xx-0010	Multi-touch Panel PC
Housing	Industrial PC with Control Panel for mounting arm installation
	rotatable and tiltable mounting arm adapter for Rittal and Roolec mounting arm systems with 48 mm tube from top
	wiring area for up to 4 IP 65 connectors
	2 slots for CFast cards
	CFast cards and lithium battery of the system clock, changeable from outside
	passive cooling through heat sink; internal fan for equal heat distribution to all the walls of the housing
	20 cm free space required around the PC for air circulation
	protection class IP 65
Front panel	operating temperature 0...45 °C
	TFT display in seven sizes
	– 12-inch display 800 x 600
	– 15-inch display 1024 x 768
	– 15.6-inch display 1366 x 768
	– 18.5-inch display 1366 x 768
	– 19-inch display 1280 x 1024
	– 21.5-inch display 1920 x 1080
– 24-inch display 1920 x 1080	
Features	multi-finger touch screen
	Intel® Atom™ E3815, 1.46 GHz, 1 core (TC3: 40)
	3½-inch motherboard for Intel® Atom™
	2 GB DDR3L RAM, expandable ex factory to 8 GB
	graphic adapter integrated inside the Intel® processor, 1 DVI-D port occupied by the display in the front
	on-board dual Ethernet adapter with 2 x 100/1000BASE-T connector, one Ethernet port led out ex factory
	4 GB CFast card, extended temperature range
	M23 built-in socket for power supply and 1 Harting push-pull Ethernet built-in socket 100/1000BASE-T in the wiring area
24 V DC power supply	
	Microsoft Windows Embedded Compact 7, English, supports dual-finger touch screen operation

Options	CP37xx-0010
C9900-C572	processor Intel® Atom™ E3827, 1.75 GHz, 2 cores (TC3: 40), instead of Intel® Atom™ E3815, 1.46 GHz (TC3: 40). 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-C573	processor Intel® Atom™ E3845, 1.91 GHz, 4 cores (TC3: 50), instead of Intel® Atom™ E3815, 1.46 GHz (TC3: 40). 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-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-M184	mounting arm adapter for Panel PC CP32xx or CP37xx, for Rittal and Roolec mounting arm systems with 48 mm tube from bottom instead of from top
C9900-M406	Toolboard for keyboard or tools, mounted under a Control Panel or Panel PC CP3xxx, with integrated USB socket IP 65 at the back side, can only be ordered in combination with the Control Panel or Panel PC.
C9900-B519	1 PCIe module slot integrated inside CP32xx or CP37xx, to plug-in Beckhoff PCIe modules
C9900-B416	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 IP 65 Harting push-pull Ethernet built-in socket 100/1000BASE-T connector inside the connector bracket at the connection section
C9900-E185	IP 65 connector in the wiring area of a CP32xx, CP37xx, CPX37xx or CP72xx for the second on-board Ethernet adapter, Harting push-pull Ethernet socket
C9900-E186	IP 65 connector M12 in the wiring area of a CP32xx, CP37xx or CP72xx for one serial interface RS232

C9900-E248	IP 65 connector M12 in the wiring area of a CP32xx, CP37xx or CP72xx for one serial interface RS422, optically linked, overload protection. Configuration as a full duplex end point: echo on, auto send off, always send on, auto receive off, always receive on, termination on
C9900-E261	IP 65 connector M12 in the wiring area of a CP32xx, CP37xx or CP72xx for one serial interface RS485, optically linked, overload protection. Configuration as an end point without echo: echo off, auto send on, always send off, auto receive on, always receive off, termination on
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-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-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

Options	To connect a keyboard to the PC, e.g. at commissioning, one of the following USB sockets is required:
C9900-E279	1-port USB 3.0 connector with IP 65 screw cap in the sidewall of the CP32xx-0010 or CP37xx-0010 PC housing
C9900-E281	1-port USB 2.0 connector with IP 65 screw cap in the sidewall of the CP32xx-0000 or CP37xx-0010 PC housing
C9900-E283	IP 65 connector in the wiring area of a CP32xx, CP37xx or CP72xx for a USB 3.0 port, Harting push-pull USB 3.0 socket
C9900-E187	IP 65 connector M12 in the wiring area of a CP32xx, CP37xx or CP72xx for one USB 2.0 port
C9900-E190	USB-A in the wiring area of a CP32xx, CP37xx or CP72xx for one USB 2.0 port, including covering cap IP 65

Accessories	Power supply cable with IP 65 connector
C9900-K271	power supply cable IP 65 for CP32xx, CP37xx or CP72xx up to 19-inch display, length 5 m, assembled, M23 connector, screw type, 8 wires, second end open
C9900-K272	power supply cable IP 65 for CP32xx, CP37xx or CP72xx up to 19-inch display, length 10 m, assembled, M23 connector, screw type, 8 wires, second end open
C9900-K275	power supply cable IP 65 for CP32xx, CP37xx up to 24-inch display and CP7204, length 5 m, assembled, M23 connector, screw type, 12 wires, second end open
C9900-K276	power supply cable IP 65 for CP32xx, CP37xx up to 24-inch display and CP7204, length 10 m, assembled, M23 connector, screw type, 12 wires, second end open
C9900-K277	power supply cable IP 65 for CP32xx, CP37xx or CP72xx up to 19-inch display, length 20 m, assembled, M23 connector, screw type, 12 wires, second end open

Accessories	Network cable with IP 65 connector
C9900-K281	network cable for CP32xx, CP37xx, CPX37xx and CP72xx, length 3 m, assembled, Harting push-pull Ethernet connector IP 65, second end RJ45, IP 20
C9900-K282	network cable for CP32xx, CP37xx, CPX37xx and CP72xx, length 5 m, assembled, Harting push-pull Ethernet connector IP 65, second end RJ45, IP 20
C9900-K283	network cable for CP32xx, CP37xx, CPX37xx and CP72xx, length 10 m, assembled, Harting push-pull Ethernet connector IP 65, second end RJ45, IP 20
C9900-K284	network cable for CP32xx, CP37xx, CPX37xx and CP72xx, length 15 m, assembled, Harting push-pull Ethernet connector IP 65, second end RJ45, IP 20
C9900-K285	network cable for CP32xx, CP37xx, CPX37xx and CP72xx, length 20 m, assembled, Harting push-pull Ethernet connector IP 65, second end RJ45, IP 20
C9900-K286	network cable for CP32xx, CP37xx, CPX37xx and CP72xx, length 30 m, assembled, Harting push-pull Ethernet connector IP 65, second end RJ45, IP 20
C9900-K287	network cable for CP32xx, CP37xx, CPX37xx and CP72xx, length 40 m, assembled, Harting push-pull Ethernet connector IP 65, second end RJ45, IP 20
C9900-K288	network cable for CP32xx, CP37xx, CPX37xx and CP72xx, length 50 m, assembled, Harting push-pull Ethernet connector IP 65, second end RJ45, IP 20

Accessories	USB cable with IP 65 connector
C9900-K291	USB 2.0 cable for CP32xx, CP37xx or CP72xx, length 3 m, assembled, M12 connector IP 65, screw type, 4-pin, second end USB B connector
C9900-K292	USB 2.0 cable for CP32xx, CP37xx or CP72xx, length 5 m, assembled, M12 connector IP 65, screw type, 4-pin, second end USB B connector
C9900-K306	USB 3.0 cable for CP32xx, CP37xx or CP72xx, length 3 m, assembled, Harting push-pull USB 3.0 connector IP 65, second end USB-B connector IP 20

Accessories	Serial interface cable RS232 with IP 65 connector
C9900-K295	serial interface cable RS232 for CP32xx, CP37xx or CP72xx, length 3 m, assembled, M12 connector IP 65, screw type, 12-pin, second end D-sub, 9-pin plug
C9900-K296	serial interface cable RS232 for CP32xx, CP37xx or CP72xx, length 5 m, assembled, M12 connector IP 65, screw type, 12-pin, second end D-sub, 9-pin plug
C9900-K297	serial interface cable RS232 for CP32xx, CP37xx or CP72xx, length 10 m, assembled, M12 connector IP 65, screw type, 12-pin, second end D-sub, 9-pin plug

CP37xx-0010	Multi-touch Panel PCs
CP3712-0010	12-inch display 800 x 600 Multi-finger touch screen
CP3715-0010	15-inch display 1024 x 768 Multi-finger touch screen
CP3716-0010	15.6-inch display 1366 x 768 Multi-finger touch screen
CP3718-0010	18.5-inch display 1366 x 768 Multi-finger touch screen
CP3719-0010	19-inch display 1280 x 1024 Multi-finger touch screen
CP3721-0010	21.5-inch display 1920 x 1080 Multi-finger touch screen
CP3724-0010	24-inch display 1920 x 1080 Multi-finger touch screen