

# CP6606-0001-0020 | 7-inch “Economy” Panel PC

Variants	Processor	available
CP6606-0001-0020	ARM Cortex™-A8, 1 GHz (TC3: 30)	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.

CP6606-0001-0020	
Housing	aluminium front with steel sheet rear cover
	all connectors at the bottom of the rear side
	1 slot for microSD flash card, accessible from the rear side
	lithium battery of the system clock, accessible from the rear side
	pull-out clamping levers for fast installation without loose parts
	protection class front side IP 54, rear side IP 20
	operating temperature 0...55 °C
Front panel	7-inch TFT display, resolution 800 x 480 WVGA
	touch screen
	without keys
Features	processor ARM Cortex™-A8, 1 GHz (TC3: 30)
	3½-inch motherboard
	1 GB DDR3 RAM
	graphic adapter integrated inside the processor
	1 on-board Ethernet adapter 10/100BASE-T with RJ45 connector
	1 on-board EtherCAT adapter with RJ45 connection
	512 MB microSD flash card
	1 serial RS232 ports and 2 USB 2.0 ports
	24 V DC power supply
	Microsoft Windows Embedded Compact 7, English

Options	7-inch “Economy” Panel PC with ARM Cortex™-A8
C9900-H800	2 GB microSD card, instead of 512 MB microSD card
C9900-H801	4 GB microSD card, instead of 512 MB microSD card
C9900-H806	8 GB microSD card, instead of 512 MB microSD card
C9900-U213	internal, capacitive 1-second UPS to ensure secure backup of persistent application data on the microSD flash card and 128 kbyte NOVRAM for fail-safe storage of TwinCAT process data, requires TwinCAT and Windows Embedded Compact 7
C9900-M317	wall mounting frame for building installation for 7” “Economy” built-in Panel PC CP6606
C9900-S706	TwinCAT 2 PLC runtime for Windows Embedded Compact 7
C9900-S707	TwinCAT 2 NC PTP runtime for Windows Embedded Compact 7
C9900-G070	Push-button extension for CP6x06 with landscape 7-inch display <ul style="list-style-type: none"> <li>– push-button extension on the bottom side</li> <li>– 3 push-button keys with signal lamp, type RAFI RAFIX 22FS+, round, 30 mm</li> <li>– 1 emergency stop key, type RAFI RAFIX 22FS+</li> <li>– Labels for push-button caps for individual marking of each push-button can be ordered as an option.</li> <li>– The emergency stop key is wired with two normally-closed contacts, the red push-button with one normally-closed contact and the remaining push-buttons each with one normally-open contact to a terminal row.</li> <li>– Additionally, all push-buttons are transmitted with a normally-open contact via USB.</li> <li>– The LEDs of the push-buttons are controlled via USB only.</li> </ul>
C9900-G071	Push-button extension for CP6x06 with landscape 7-inch display <ul style="list-style-type: none"> <li>– push-button extension on the bottom side</li> <li>– 3 push-button keys with signal lamp, type RAFI RAFIX 22FS+, round, 30 mm</li> <li>– 1 emergency stop key, type RAFI RAFIX 22FS+</li> <li>– Labels for push-button caps for individual marking of each push-button can be ordered as an option.</li> <li>– The emergency stop key and the red push-button are wired each with two normally-closed contacts to a terminal row. The remaining push-buttons are wired each with two normally-open contacts to a terminal row.</li> <li>– The LEDs of the push-buttons are wired to a terminal row.</li> </ul>