



CP66xx-0000 | “Economy” built-in Control Panel with Ethernet interface

The CP66xx built-in Control Panel series combines reliable Beckhoff panel design with Industrial PC technology. The CP66xx Ethernet Control Panels are equipped with a 533 MHz Intel® IXP420 processor with XScale® technology. They include 32 MB on-board flash and 128 MB on-board RAM as standard, which can optionally be extended with up to 512 kB of NOVDRAM. All CP66xx Panels run under Windows CE and can be operated as an independent PC or as a terminal client of a Microsoft Windows terminal server.

The CP66xx-0000 are available, but not recommended for new projects.

CP66xx-0000	“Economy” built-in Control Panel	Drawings with dimensions
Features	TFT display in four sizes	
	– 5.7-inch display 640 x 480	
	– 6.5-inch display 640 x 480	
	– 12-inch display 800 x 600	
	– 15-inch display 1024 x 768	
	aluminium front with sheet-steel rear cover, front side IP 65, rear side IP 20	
	front laminate in four variants	
	– only display	
	– function keys and 10 PLC special keys with LED	
	– numeric keyboard and 10 PLC special keys with LED	
	– alphanumeric PC keyboard in US layout and 10 PLC special keys with LED	
	integrated PC, 3½-inch motherboard for Intel® IXP processor with XScale® technology	
	processor Intel® IXP420 with XScale® technology, clock frequency 533 MHz (TC3: 30)	
	128 MB on-board RAM	
	32 MB on-board flash	
	slot for 1 Compact Flash card accessible from the rear side	
	lithium battery of the system clock, accessible from the rear side	
	on-board graphic adapter, graphic chip SM501 (max. resolution 1024 x 768)	
	1 Mini PCI slot free, e.g. for a fieldbus interface card	
	2 USB ports	
Options	2 RJ45 Ethernet connectors 10/100 Mbps	
	1 RS232 serial port, D-sub, 9-pin	
	all connectors at the lower rear side	
	24 V power supply	
	operating temperature 0...55 °C	
	pull-out clamping levers for fast installation without loose parts	
	operating system Microsoft Windows CE 5, English	
	touch screen pen with wall holder	
	push-button extension with electromechanical switches and keys	
	Compact Flash card	
	1 Mini PCI slot for cards installed ex factory with fieldbus interface, Ethernet port or NOVDRAM	
	TwinCAT run-time for Windows CE	
	wall mounting frame for building installation	



Without keys



Function keys



Numeric keyboard (position of numeric keypad depends on display size)



Alphanumeric keyboard (position of numeric keypad depends on display size)

Ordering information	without touch screen	with touch screen	with touch pad
without keys			
5.7-inch display 640 x 480	CP6607-0000-0000	CP6607-0001-0000	
6.5-inch display 640 x 480	CP6609-0000-0000	CP6609-0001-0000	
12-inch display 800 x 600	CP6601-0000-0000	CP6601-0001-0000	
15-inch display 1024 x 768	CP6602-0000-0000	CP6602-0001-0000	
without keys, USB A socket in the front			
12-inch display 800 x 600	CP6601-0020-0000	CP6601-0021-0000	
15-inch display 1024 x 768	CP6602-0020-0000	CP6602-0021-0000	
function keys			
6.5-inch display 640 x 480	CP6619-0000-0000	CP6619-0001-0000	
12-inch display 800 x 600	CP6611-0000-0000	CP6611-0001-0000	
15-inch display 1024 x 768	CP6612-0000-0000	CP6612-0001-0000	
numeric keyboard			
6.5-inch display 640 x 480	CP6629-0000-0000	CP6629-0001-0000	
12-inch display 800 x 600	CP6621-0000-0000	CP6621-0001-0000	CP6621-0002-0000
15-inch display 1024 x 768	CP6622-0000-0000	CP6622-0001-0000	CP6622-0002-0000
alphanumeric keyboard			
12-inch display 800 x 600	CP6631-0000-0000	CP6631-0001-0000	CP6631-0002-0000
15-inch display 1024 x 768	CP6632-0000-0000	CP6632-0001-0000	CP6632-0002-0000