

SIMATIC HMI IPC 577C PCI-SLOT,  
4 USB (BACK) + 1 USB (FRONT),  
ETHERNET (10/100/1000),  
19" TOUCH DISPLAY;

<b>Operator control and monitoring</b>	
Accessory components	Touch protective foil
<b>Display</b>	
Size	19" TFT
<b>Resolution (pixels)</b>	
Resolution (WxH in pixel)	1280 x 1024
<b>General features</b>	
Front panel	19" TFT Touch
<b>Backlighting</b>	
MTBF backlighting (at 25 °C)	about 50,000 hours
<b>Control elements</b>	
Function keys	No
Mouse, at front	No
<b>Keyboard fonts</b>	
Alphanumeric keyboard	No
<b>Touch operation</b>	
Design as touch screen	Yes
Touch screen (analog/resistive)	Yes
<b>Installation type/mounting</b>	
central design	Yes
Distributed design	No
<b>Supply voltage</b>	
Supply voltage	110/230 V AC or 24 V DC
<b>Power losses</b>	
Power loss in full configuration	24 V DC: Max. 80 W (incl. USB interfaces)
<b>Processor</b>	
Processor	Intel Celeron M 1.2 GHz, Intel Core2Solo 1.2 GHz, Intel Core2Duo 1.86 GHz
<b>Memory</b>	
Main memory	512 Mbyte

<b>Capacity of main memory, maximum</b>	4096 Mbyte ; At least 3.2 GB can be used
<b>Data areas and their retentivity</b>	
<b>retentive data area in total (incl. times, counters, flags), max.</b>	2048 kbyte ; 128 KB can be stored in the buffer time
<b>Drives</b>	
<b>Diskette drive</b>	External diskette drive can be connected via USB
<b>Optical drives</b>	Optional: DVD±R±RW combi drive; on rear, can be operated from side
<b>Interfaces</b>	
<b>PROFIBUS/MPI</b>	1 X CP5611-comptable
<b>USB port</b>	1x on front, 4x on reverse, USB 2.0 (3x 500mA)
<b>Free slots</b>	1 x CF card slot, externally accessible. 1 x PCI slot in device interior. 1 x SSD slot
<b>Number of slots /compliant with PCI</b>	1
<b>Number of compact flash slots</b>	1
<b>Connection for keyboard/mouse</b>	USB / USB
<b>serial interface</b>	COM1: 1 x V.24 (RS232)
<b>parallel interface</b>	0
<b>Video interfaces</b>	
<b>Graphics interface</b>	DVI-I: VGA / DVI combined
<b>Industrial Ethernet</b>	
<b>Industrial Ethernet interface</b>	PROFIBUS version, onboard 2 x: PROFINET version, onboard 1 x: 10/100/1000 Mbit/s, RJ45, no plug-in card necessary.
<b>Industrial Ethernet interface</b>	
<b>100 Mbit</b>	Yes
<b>1000 Mbit</b>	Yes
<b>Monitoring functions</b>	
<b>Temperature</b>	Yes
<b>Watchdog</b>	Yes
<b>Status LEDs</b>	No
<b>Degree and class of protection</b>	
<b>Front acc. to EN 60529</b>	IP65 (at front)
<b>IP (at the front)</b>	IP65
<b>Standards, approvals, certificates</b>	
<b>Approval</b>	CE, cULus (508)
<b>CE</b>	Yes
<b>EMC</b>	CE, EN 61000-6-4; CISPR 22:2004 Class A; FCC Class A
<b>GL</b>	No
<b>ABS</b>	No
<b>BV</b>	No

<b>DNV</b>	No
<b>LRS</b>	No
<b>EN 61000-6-2</b>	Yes
<b>Ambient conditions</b>	
<b>maximum permissible installation angle +/-</b>	45°
<b>Operating temperature</b>	
<b>Ambient temperature in operation</b>	In maximum configuration: +0 °C to +45 °C or +0 °C to +50 °C in installation space, if max. 40 °C at front
<b>during operating phase / min.</b>	0 °C
<b>during operating phase / max.</b>	50 °C
<b>Relative humidity</b>	
<b>Relative humidity</b>	Tested according to IEC 60068-2-78, IEC 60068-2-30: Operation: 5% to 85% at 30 °C (no condensation) Storage: 5% to 95% at 25 °C (no condensation)
<b>Vibrations</b>	
<b>Vibration load in operation</b>	Tested according to DIN IEC 68-2-6: 10 - 58 Hz: 0.075 mm, 58 to 200 Hz: 9.8 m/s <sup>2</sup> (0.5 g)
<b>Shock testing</b>	
<b>Shock loading in operation</b>	Tested according to DIN IEC 60068-2-7: 50 m/s <sup>2</sup> (5 g), 30 ms
<b>Operating systems</b>	
<b>Operating system</b>	Windows XP Embedded and Win XP Prof.
<b>Additional info on operating system</b>	WIN XPe: GER/ENG WIN XP Prof: MUI Language: GER, ENG, IT, FR, SP, KOR, CHN (traditional), CHN (simplified), JPN
<b>Pre-installed operating system</b>	Yes
<b>Windows XP Prof.</b>	Yes ; Only with SSD or HDD
<b>without</b>	Yes
<b>Cables</b>	
<b>Warranty</b>	24 months liability for defects
<b>Dimensions</b>	
<b>additional mounting depth (optical drive)</b>	23 mm
<b>Weights</b>	
<b>Panel PC in central design, approx.</b>	11.6 kg
Status	Sep 2, 2013