SIEMENS

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

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

Type of memory	DDR3-SDRAM
Main memory	512 Mbyte
Capacity of main memory, maximum	4096 Mbyte ; At least 3.2 GB can be used
Data areas and their retentivity	
retentive data area in total (incl. times, counters, flags), max.	2048 kbyte ; 128 KB can be stored in the buffer time
Drives	
Diskette drive	External diskette drive can be connected via USB
Optical drives	Optional: DVD±R±RW combi drive; on rear, can be operated from side
Interfaces	
PROFIBUS/MPI	1 X CP5611-comptable
USB port	1x on front, 4x on reverse, USB 2.0 (3x 500mA)
Free slots	1 x CF card slot, externally accessible. 1 x PCI slot in device interior. 1 x SSD slot
Number of slots /compliant with PCI	1
Number of compact flash slots	1
Connection for keyboard/mouse	USB / USB
serial interface	COM1: 1 x V.24 (RS232)
parallel interface	0
Video interfaces	
Graphics interface	DVI-I: VGA / DVI combined
Industrial Ethernet	
Industrial Ethernet interface	PROFIBUS version, onboard 2 x: PROFINET version, onboard 1 x: 10/100/1000 Mbit/s, RJ45, no plug-in card necessary.
Industrial Ethernet interface	
100 Mbit	Yes
1000 Mbit	Yes
Monitoring functions	
Temperature	Yes
Watchdog	Yes
Status LEDs	No
Degree and class of protection	
Front acc. to EN 60529	IP65 (at front)
IP (at the front)	IP65
Standards, approvals, certificates	
Approval	CE, cULus (508)
CE	Yes
EMC	CE, EN 61000-6-4; CISPR 22:2004 Class A; FCC Class A
GL	No

ABS	No
BV	No
DNV	No
LRS	No
EN 61000-6-2	Yes
Ambient conditions	
maximum permissible installation angle +/-	45°
Operating temperature	
Ambient temperature in operation	In maximum configuration: +0 °C to +45 °C or +0 °C to +50 °C in installation space, if max. 40 °C at front
during operating phase / min.	0 °C
during operating phase / max.	50 °C
Relative humidity	
Relative humidity	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)
Vibrations	
Vibration load in operation	Tested according to DIN IEC 68-2-6: 10 - 58 Hz: 0.075 mm, 58 to 200 Hz: 9.8 m/s² (0.5 g)
Shock testing	
Shock loading in operation	Tested according to DIN IEC 60068-2-7: 50 m/s² (5 g), 30 ms
Operating systems	
Operating system	Windows XP Embedded and Win XP Prof.
Additional info on operating system	WIN XPe: GER/ENG WIN XP Prof: MUI Language: GER, ENG, IT, FR, SP, KOR, CHN (traditional), CHN (simplified), JPN
Pre-installed operating system	Yes
Windows XP Prof.	Yes ; Only with SSD or HDD
without	Yes
Cables	
Warranty	24 months liability for defects
Dimensions	
Mounting cutout (W x H x D)	450 mm x 380 mm x 125 mm
additional mounting depth (optical drive)	23 mm
Weights	
Panel PC in central design, approx.	11.6 kg
Status	Oct 23, 2013