

**** no longer available **** SIMATIC HMI IPC 477C pro optional bundle with WinCC flexible 2008/WinAC, 15" Touch display; fully protected IP65, 4 USB (back) Standard front Core 2 Duo 1.2 GHz, PROFINET (IE); 2x 1 Gbit; PROFIBUS DP 12 4 GB -RAM, DDR3; 2nd CF slot not equipped 80 GB Solid-State Drive SATA (standard) Windows 7 Ultimate MUI pre-installed on SSD without SIMATIC software

Installation type/mounting	
maximum permissible installation angle +/-	20°
Supply voltage	
Type of supply voltage	24 V DC
Processor	
Processor type	Intel Celeron M 1.2 GHz, Intel Core2Solo 1.2 GHz or Intel Core2Duo 1.2 GHz
Drives	
Optical drives	possible as external drive via USB
Memory	
Type of memory	DDR3-SDRAM
Main memory	512 MB
Capacity of main memory, max.	4 096 Mbyte; At least 3.2 GB can be used
Hardware configuration	
Slots	
• free slots	1x slot for CF card; 1x slot for SD/MMC
• Number of PCI slots	0
• Number of compact flash slots	1
Interfaces	
PROFIBUS/MPI	1x CP 5611 compatible
USB port	4x High Current
Connection for keyboard/mouse	USB / USB
serial interface	COM1: 1x V.24 (RS 232)
parallel interface	0
Multimedia	
• Audio In/Out	No
• Microphone In	No
Video interfaces	
• Graphics interface	DVI-I usable for additional display unit (VGA via adapter); color depth 32 bit, 8 to 128 MB Shared Memory
Industrial Ethernet	
• Industrial Ethernet interface	Onboard, 10/100/1 000 Mbit, RJ45, no plug-in card necessary
— 100 Mbps	Yes
— 1000 Mbps	Yes
Protocols	
Protocols (Ethernet)	
• TCP/IP	Yes
Integrated Functions	
Monitoring functions	
• Temperature monitoring	Yes
• Watchdog	Yes
• Status LEDs	No
Degree and class of protection	
IP (at the front)	IP65 (on front) to EN60529 and NEMA4
Standards, approvals, certificates	
EMC	CE, EN 55011, EN 61000-6-4, EN 61000-6-2

Marine approval	
• Germanischer Lloyd (GL)	Yes
• American Bureau of Shipping (ABS)	Yes
• Bureau Veritas (BV)	Yes
• Det Norske Veritas (DNV)	Yes
• Lloyds Register of Shipping (LRS)	Yes
• Polski Rejestr Statkow (PRS)	Yes
Ambient conditions	
Ambient temperature during operation	
• Ambient temperature during operation	With full configuration: +5 °C to +45 °C or +5 °C to +50 °C in installation space, if max. 40 °C at front
Relative humidity	
• Relative humidity	Tested to DIN IEC 60068-2-3, DIN IEC 60068-2-30, DIN IEC 60068-2-56: 5% to 80% at 25 °C (no condensation)
Vibrations	
• Vibration resistance during operation acc. to IEC 60068-2-6	tested to DIN IEC 60068-2-6: 10 Hz to 58 Hz: 0.075 mm, 58 Hz to 200 Hz: 9.8 m/s ² (1 g)
Shock testing	
• Shock load during operation	Tested to DIN IEC 60068-2-29: 50 m/s ² (5 g), 30 ms, 100 shocks
Operating systems	
pre-installed operating system	Windows XP Prof. (Multi-Language), Windows XP embedded or optionally without operating system
Additional info on operating system	Language: EN/DE
pre-installed operating system	
• Windows XP Professional	Yes
Software	
SIMATIC Software	Optionally with pre-installed software bundle SIMATIC WinCC flexible or WinCC flexible / WinAC RTX

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