SIEMENS

Data sheet

6AV7884-5AA10-3BE0

no longer available SIMATIC HMI IPC 477C optional bundle with WinCC flexible 2008/WinAC, 19" Touch Display, 1280x 1024; 4 USB (back)+1 USB (front)

General information	
Product type designation	IPC477C
Display	
Design of display	19" TFT touch
Screen diagonal	19 in
Resolution (pixels)	
Horizontal image resolution	1 280 Pixel
 Vertical image resolution 	1 024 Pixel
Backlighting	
 MTBF backlighting (at 25 °C) 	50 000 h
Control elements	
Input device	
 Mouse, at front 	No
Keyboard fonts	
Function keys	No
— Number of function keys	0
 alphanumeric keyboard 	No
Touch operation	
 Design as touch screen 	Yes
Installation type/mounting	
central design	Yes
distributed design	No
maximum permissible installation angle +/-	45°
Supply voltage	
Type of supply voltage	24 V DC
Power loss	
In full configuration	24 V DC: max. 60 W (incl. USB interfaces)
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

Hard disk Compact Flash Drive, without rotating parts or Solid State Drive with at least 32 GB can be selected using the Configurator Memory DDR3-SDRAM Main memory DDR3-SDRAM Gapacity of main memory, max. 4 096 Mbyte; At least 3.2 GB can be used Data areas and their retentivity 2 048 kbyte; 128 KB can be stored in the buffer time Retentive data area (incl. timers, counters, flags), max. 2 048 kbyte; 128 KB can be stored in the buffer time Stots 2 048 kbyte; 128 KB can be stored in the buffer time I withware configuration 2 048 kbyte; 128 KB can be stored in the buffer time Stots 1 x CF card slot, externally accessible, 1 x CF card slot in device interior, 1 x SSD slot I wumber of CI slots 0 I wumber of compact flash slots 2 PROFIBUS/MPI 1 X CP Sof11-comptable USB port 1 x on front, 4x on reverse, USB 2.0 (3x 500 mA) Connection for keyboard/mouse USB / USB serial interface 0 of raphicis interface 0 of raphicis interface 0 i I dustrial Ethernet interface VI-I: VGA / DVI combined Industrial Ethernet interface Yes - 100 Mbps Yes - 100 Mbps Yes - 100 Mbps Yes - 100 Mbps Yes	Diskette drive	optional: via external USB floppy disk drive
with at least 32 GB can be selected using the Configurator Memory DDR3-SDRAM Main memory 512 MB Capacity of main memory, max. 508 Myte; At least 3.2 GB can be used Data areas and their retentivity Retentive data area (not. timers, counters, flags), max. Patheware configuration 2 048 kbyte; 128 KB can be stored in the buffer time Stots - • free slots 1x CF card slot, externally accessible, 1x CF card slot in device interior, 1x SSD slot • Number of CPI slots 0 • Number of compact flash slots 2 PROFIBUSMPI 1 X CPS611-comptable USB port 1 x on front, 4x on reverse, USB 2.0 (3x 500 mA) Connection for keyboard/mouse USB / USB serial interface 0 Video interfaces VI+ VGA / DVI combined Industrial Ethernet interface Yes • Tomportation by Bps Yes • Tomportation by Bps Yes • Tomportation montoring Yes • Tomportation montoring Yes • Watchodg Yes <t< td=""><td></td><td></td></t<>		
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		x: 10/100/1000 Mbit/s, RJ45, no plug-in card necessary.
Integrated Functions Monitoring functions • Temperature monitoring Yes • Watchdog Yes • Status LEDs No Degree and class of protection IP (at the front) IP65 Standards, approvals, certificates Approval CE, cULus (508) Yes	— 100 Mbps	Yes
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IP (at the front) IP65 Standards, approvals, certificates CE, cULus (508) CE mark Yes		
Standards, approvals, certificates Approval CE mark Yes	Degree and class of protection	
Approval CE, cULus (508) CE mark Yes	IP (at the front)	IP65
Approval CE, cULus (508) CE mark Yes	Standards, approvals, certificates	
		CE, cULus (508)
EMC CE, EN 61000-6-4; CISPR 22:2004 Class A; FCC Class A	CE mark	Yes
	EMC	CE, EN 61000-6-4; CISPR 22:2004 Class A; FCC Class A
Marine approval	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 	In maximum configuration: +0 °C to +45 °C or +0 °C to +50 °C in installation space, if max. 40 °C at front
• min.	0° 0
● 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 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 according to DIN IEC 60068-2-7: 50 m/s ² (5 g), 30 ms
Operating systems	
Operating system	Windows XP Prof. (Multi-Language), Windows XP embedded or optionally without operating system
pre-installed operating system	Yes
Additional info on operating system	Language: EN/DE
without operating system	No
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
Accessories	
Accessory components	Touch protective foil
Dimensions	
Overall depth	
 additional mounting depth (optical drive) 	No drive planned.
Operator control unit (W x H) in mm	
 Operator panel width 	483 mm
 Operator panel height 	400 mm

Install. dimensions, centralized design (W x H x D without optical drive) in mm	450 mm x 380 mm x 105 mm
Width	483 mm
● Height	400 mm
• Depth	105 mm
Mounting cutout/device depth (W x H x T)	450 mm x 380 mm x 105 mm
Weights	
Panel PC in central design, approx.	9.5 kg
Other	
Warranty period	24 mo; Warranty period
last modified:	04/06/2018