

NO LONGER AVAILABLE SIMATIC HMI IPC 477C OPTIONAL BUNDLE WITH WINCC FLEXIBLE 2008/WINAC, 12" TOUCH DISPLAY, 800 X 600; 4 USB (BACK) + 1 USB (FRONT),

Display	
Design of display	12" TFT touch
Screen diagonal	12 in
Resolution (pixels)	
• Horizontal image resolution	800 Pixel
• Vertical image resolution	600 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
Diskette drive	optional: via external USB floppy disk drive
Hard disk	Compact Flash Drive, without rotating parts or Solid State Drive with at least 32 GB can be selected using the Configurator

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
Data areas and their retentivity	
Retentive data area (incl. timers, counters, flags), max.	2 048 kbyte; 128 KB can be stored in the buffer time
Hardware configuration	
Slots	
• free slots	1x CF card slot, externally accessible, 1x CF card slot in device interior, 1x SSD slot
• Number of PCI slots	0
• Number of compact flash slots	2
Interfaces	
PROFIBUS/MPI	1 X CP5611-comptable
USB port	1x on front, 4x on reverse, USB 2.0 (3x 500mA)
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.
— 100 Mbps	Yes
— 1000 Mbps	Yes
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)
CE mark	Yes
EMC	CE, EN 61000-6-4; CISPR 22:2004 Class A; FCC Class A
• EN 61000-6-2	Yes
Marine approval	
• Germanischer Lloyd (GL)	Yes

- American Bureau of Shipping (ABS)
- Bureau Veritas (BV)
- Det Norske Veritas (DNV)
- Lloyds Register of Shipping (LRS)
- Polski Rejestr Statkow (PRS)

Yes
Yes
Yes
Yes
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 °C
- 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 to DIN IEC 60068-2-6: 10 Hz to 58 Hz: 0.075 mm, 58 Hz to 200 Hz: 9.8 m/s² (1 g)

Shock testing

- Shock load during operation
Tested according to DIN IEC 60068-2-7: 50 m/s² (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 |
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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 | 400 mm |
| • Operator panel height | 310 mm |
| Install. dimensions, centralized design (W x H x D without optical drive) in mm | 368 mm x 290 mm x 75 mm |
| • Width | 400 mm |

• Height	310 mm
• Depth	75 mm
Mounting cutout/device depth (W x H x T)	368 mm x 290 mm / 75 mm device depth
Weights	
Panel PC in central design, approx.	6.1 kg
Other	
Warranty period	24 mo; Warranty period
last modified:	08/21/2017