

\*\*\* no longer available \*\*\* SIMATIC IPC 477D, 19" multi-touch display; 4 USB (back); without USB (front); Ethernet (10/100/1000); Core I3-3217UE; 2x Gbit Ethernet (IE/PN); 8 GB; 1x RS232 and 1x PCIE; Windows 7 Ultimate 64-bit, Replaceable without drive; 320 GB HDD SATA; DVD; Without SIMATIC software; 24 V DC industrial power supply

General information	
Product type designation	IPC477D
Display	
Design of display	19" TFT multi-touch
Resolution (pixels)	
• Horizontal image resolution	1 366 pixel
• Vertical image resolution	768 pixel
Backlighting	
• MTBF backlighting (at 25 °C)	50 000 h
Control elements	
Keyboard	
• Function keys	No
• alphanumeric keyboard	No
Touch operation	
• Design as multi-touch screen	Yes; Projective-capacitive
Installation type/mounting	
Mounting	For horizontal and vertical mounting
Design	Panel PC, built-in unit
central design	Yes
distributed design	No
Mounting in portrait format possible	Yes
Supply voltage	
Type of supply voltage	100/240 V AC (autorange) 50/60 Hz; optional 24 V DC
Line frequency	
• Rated value 50 Hz	Yes
• Rated value 60 Hz	Yes
Mains buffering	
• Mains/voltage failure stored energy time	10 ms
Processor	
Processor type	Celeron 827E (1C/1T, 1.40 GHz, 1.5 MB Cache); Core i3-3217UE (2C/4T, 1.60 GHz, 3 MB Cache); Core i7-3517UE (2C/4T, 1.70 (2.80) GHz, 4 MB Cache, iAMT)
Graphic	
Graphics controller	Intel HD graphics controller
Drives	
Optical drives	Optional: DVD±R±RW combi drive; on rear, can be operated from side
Hard disk	2.5" SATA hard disk, at least 320 GB
SSD	Yes; 1x 240 GB SSD, 1x 480 GB SSD
Storage	
Type of memory	DDR3-SDRAM
Main memory	2 / 4 / 8 GB; ECC optional
Capacity of main memory, max.	8 Gbyte
Data areas and their retentivity	
Retentive data area (incl. timers, counters, flags), max.	512 kbyte; 128 KB can be stored in the buffer time; optional
Hardware configuration	
Slots	
• Number of PCI slots	1; Optional

• Number of compact flash slots	2; CFast
<b>Interfaces</b>	
Number of PROFINET interfaces	3; 3 ports (IRT, with switch, optional)
serial interface	COM1: 1x RS 232, COM2 (optional): 1x RS 232
<b>Video interfaces</b>	
• Graphics interface	DVI VGA / DVI integrated
<b>Interrupts/diagnostics/status information</b>	
LED status display	Yes
Bus diagnostics	Yes
<b>Integrated Functions</b>	
<b>Monitoring functions</b>	
• Temperature monitoring	Yes
• Fan	No
• Monitoring function via network	Optional
<b>Degree and class of protection</b>	
IP (at the front)	IP65
IP (rear)	IP20
<b>Standards, approvals, certificates</b>	
CE mark	Yes; CE marking / EC Declaration of Conformity
UL approval	Yes
• UL 508	Yes
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
FCC	Yes
<b>Use in hazardous areas</b>	
• ATEX Zone 2	Yes; Optional
• ATEX Zone 22	Yes; Optional
• IECEx Zone 2	Yes; Optional
• cULus Class I Zone 2, Division 2	Yes
<b>Marine approval</b>	
• Germanischer Lloyd (GL)	Yes
• American Bureau of Shipping (ABS)	Yes
• Bureau Veritas (BV)	Yes
• Det Norske Veritas (DNV)	Yes
• Korean Register of Shipping (KRS)	Yes
• Lloyds Register of Shipping (LRS)	Yes
• Nippon Kaiji Kyokai (Class NK)	Yes
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
• min.	0 °C
• max.	45 °C
<b>Ambient temperature during storage/transportation</b>	
• min.	-20 °C
• max.	60 °C
<b>Vibrations</b>	
• Vibration resistance during operation acc. to IEC 60068-2-6	IEC 60068-2-6; 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 9.8 m/s <sup>2</sup> (with SSD or CFast); 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s <sup>2</sup> (hard disk)
<b>Operating systems</b>	
pre-installed operating system	Windows 7 Ultimate 32-bit / 64-bit, MUI; Windows Embedded Standard 7 P, 32-bit, MUI
without operating system	Yes; Optional
<b>pre-installed operating system</b>	
• Windows 7	Yes; Ultimate 32 bit or 64 bit
<b>Dimensions</b>	
Width of the housing front	483 mm
Height of housing front	337 mm
Mounting cutout, width	464 mm
Mounting cutout, height	318 mm

mounting depth	76 mm
<b>Weights</b>	
Weight, approx.	6 400 g
<b>Approvals / Certificates</b>	
<b>General Product Approval</b>	



[Miscellaneous](#)



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<b>General Product Approval</b>	<b>Maritime application</b>
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last modified:

4/12/2026