

\*\*\* no longer available \*\*\* SIMATIC IPC 477D pro, fully protected IP65; 19" multi-touch (1366x 768); prepared for stand/ expansion elements (flange at bottom); 4 USB (back); without USB (front); Ethernet (10/100/1000); 24 V DC industrial power supply Core i3-3217UE; (2C/4T, 1.6 GHz, 3 MB cache); 2x Gbit Ethernet (IE/PN); 4 GB; 1x RS-232; WIN Embedded Standard 7 P SP1, English, 32-bit, multitouch; CFAST 8 GB, (possible with SW, if no internal mass storage); CFAST 8 GB; without SIMATIC software

General information	
Product type designation	IPC477D PRO
Display	
Design of display	19" TFT multi-touch
Screen diagonal	19 in
Display width	409.8 mm
Display height	230.4 mm
Resolution (pixels)	
<ul style="list-style-type: none"> <li>Horizontal image resolution</li> </ul>	1 366 pixel
<ul style="list-style-type: none"> <li>Vertical image resolution</li> </ul>	768 pixel
Control elements	
Input device	
<ul style="list-style-type: none"> <li>Mouse, at front</li> </ul>	No
Touch operation	
<ul style="list-style-type: none"> <li>Design as multi-touch screen</li> </ul>	Yes; Projective-capacitive
Installation type/mounting	
Design	Panel PC on pedestal or supporting arm
Support arm mounting	No
Stand mounting	Yes; Prepared for pedestal and extension components
Mounting in portrait format possible	No
maximum permissible installation angle +/-	±45 °
Supply voltage	
Type of supply voltage	24 V DC
Line frequency	
<ul style="list-style-type: none"> <li>Rated value 50 Hz</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Rated value 60 Hz</li> </ul>	Yes
Power loss	
In full configuration	66 W
Processor	
Processor type	Intel Core i7-3517UE Intel Core i3-3217UE Intel Celeron 827E
Graphic	
Graphics controller	Intel HD graphics controller
Drives	
Optical drives	possible as external drive via USB
SSD	Yes; 1x 240 GB SSD, 1x 480 GB SSD
Memory	
Type of memory	DDR3-SDRAM
Main memory	2 / 4 / 8 GB
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	
<ul style="list-style-type: none"> <li>Number of PCI slots</li> </ul>	0
<ul style="list-style-type: none"> <li>Number of PCI slots</li> </ul>	0; Different to the built-in unit
<ul style="list-style-type: none"> <li>Number of compact flash slots</li> </ul>	2; CFAST
Interfaces	

PROFIBUS/MPI	optionally onboard, isolated, max. 12 Mbps, compatible with CP 5611
Number of PROFINET interfaces	1; 3 ports (incl. switch)
USB port	4x USB 3.0 onboard (rear)
Connection for keyboard/mouse	USB / USB
<b>Video interfaces</b>	
• Graphics interface	1x DVI, 1x DisplayPort
<b>Industrial Ethernet</b>	
• Industrial Ethernet interface	2x Ethernet (RJ45)
— 100 Mbps	Yes
— 1000 Mbps	Yes
<b>Interrupts/diagnostics/status information</b>	
Bus diagnostics	Yes
<b>Integrated Functions</b>	
<b>Monitoring functions</b>	
• Temperature monitoring	Yes
• Watchdog	Yes
• Fan	No
• Monitoring function via network	Optional
<b>Degree and class of protection</b>	
IP65 (all-round)	Yes; IP65 fully enclosed
IP (at the front)	IP65
IP (rear)	IP65
<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
EMC	CE, EN 55011, EN 61000-6-4, EN 61000-6-2
<b>Use in hazardous areas</b>	
• ATEX Zone 2	Yes
• ATEX Zone 22	Yes
• IECEx Zone 2	Yes
• cULus Class I Zone 2, Division 2	Yes
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
• min.	5 °C
• max.	45 °C
<b>Ambient temperature during storage/transportation</b>	
• min.	-20 °C
• max.	60 °C
<b>Relative humidity</b>	
• Relative humidity	Tested according to IEC 60068-2-78, IEC 60068-2-30: Operation: 5 % to 85 % at 30 °C (no condensation), storage / transport: 5 % to 95 % at 25 / 55 °C (no condensation)
<b>Vibrations</b>	
• 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 <sup>2</sup> (1 g)
<b>Shock testing</b>	
• Shock load during operation	Tested to DIN IEC 60068-2-29: 50 m/s <sup>2</sup> (5 g), 30 ms, 100 shocks
<b>Operating systems</b>	
pre-installed operating system	Windows 7 Ultimate (Multi-Language) 32-bit / 64-bit, Windows Embedded Standard 7 32-bit / 64-bit
Additional info on operating system	Multi-Language: GER, ENG, ITAL, FR, SP, KOR, CHN (Traditional), CHN (Simplified), JPN - not with XPe
without operating system	Yes; Optional
<b>pre-installed operating system</b>	
• Windows 7	Yes; Ultimate 32 bit or 64 bit
<b>Dimensions</b>	
Width	475 mm
Height	296 mm; Without basic adapter

Depth	98 mm; Without basic adapter
Width of the housing front	475 mm
Height of housing front	296 mm; Without basic adapter

### Weights

Weight, approx.	7.9 kg
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### Classifications

	Version	Classification
eClass	14	19-20-01-03
eClass	12	19-20-01-03
eClass	9.1	19-20-01-03
eClass	9	19-20-01-03
eClass	8	27-24-23-01
eClass	7.1	27-24-23-01
eClass	6	27-24-23-01
ETIM	10	EC001414
ETIM	9	EC001414
ETIM	8	EC001414
ETIM	7	EC001414

### Approvals / Certificates

General Product Approval	Dangerous goods
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[Miscellaneous](#)



[Dangerous goods information](#)

### Environment

[Environmental Confirmations](#)

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