

SIMATIC IPC 477D PRO, FULLY ENCLOSED IP65; 15"
MULTITOUCH (1366 X 768); SUITABLE FOR PEDESTAL/
EXTENSION COMPONENTS (FLANGE AT BOTTOM); 4USB
(BACK); W/O USB (FRONT); ETHERNET (10/100/1000); DC24V
INDUSTR. POWER SUPPLY;

Display	
Display width	344.2 mm
Display height	193.5 mm
Installation type/mounting	
Design	Panel PC on pedestal or supporting arm
Support arm mounting	No
Stand mounting	Yes; Prepared for pedestal and extension components
maximum permissible installation angle +/-	±45 °
Supply voltage	
Type of supply voltage	24 V DC
Line frequency	
• Rated value 50 Hz	Yes
• Rated value 60 Hz	Yes
Processor	
Processor type	Intel Core i7-3517UE Intel Core i3-3217UE Intel Celeron 827E
Graphic	
Graphics controller	Intel HD graphics controller
Drives	
Diskette drive	No
Hard disk	2.5" SATA hard disk, at least 320 GB
SSD	Yes; 1x 80 GB, 1x 240 GB SSD, 1x 480 GB SSD
Memory	
Type of memory	DDR3-SDRAM
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	0; Different to the built-in unit

Interfaces	
PROFIBUS/MPI	1 x CP5611-compatible; alternatively: 1 x CP 1616 onboard with 3 ports
Number of PROFINET interfaces	1; 3 ports (incl. switch)
USB port	4x USB 3.0 onboard (rear)
Connection for keyboard/mouse	USB / USB
serial interface	COM1 (RS232)
Video interfaces	
• Graphics interface	1x DVI, 1x DisplayPort
Industrial Ethernet	
• Industrial Ethernet interface	2 x Ethernet (RJ45)
— 100 Mbps	Yes
— 1000 Mbps	Yes
Integrated Functions	
Monitoring functions	
• Temperature monitoring	Yes
• Watchdog	Yes
Degree and class of protection	
IP65 (all-round)	Yes; IP65 fully enclosed
Standards, approvals, certificates	
Approval	CE, cULus (508)
CE mark	Yes
cULus	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
EMC	CE, EN 55011, EN 61000-6-4, EN 61000-6-2
• EN 61000-6-2	Yes
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
• Nippon Kaiji Kyokai (Class NK)	Yes
Ambient conditions	
Ambient temperature during operation	
• Ambient temperature during operation	5 to +45 °C
• min.	5 °C
• max.	45 °C
Ambient temperature during storage/transportation	
• min.	-20 °C

• max.	60 °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 / transport: 5 % to 95 % at 25 / 55 °C (no condensation)
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	
Operating system	Windows 7 Ultimate (Multi-Language) 32-bit / 64-bit, Windows Embedded Standard 7 32-bit / 64-bit
pre-installed operating system	Yes
without operating system	Yes
Dimensions	
Width	475 mm
Height	296 mm; Without basic adapter
Depth	98 mm; Without basic adapter
Other	
Warranty period	36 mo; Warranty period
last modified:	10/25/2017