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Data sheet 6AV7250-5EC07-0PA0

*** no longer available *** SIMATIC IPC 477D pro, fully protected IP65; 19" multi-touch (1366 x 768); prepared for support arm without expansion elements (flange top); 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); 1x Gbit Ethernet (IE/PN); 1x PROFINET (IRT, 3 ports); 4 GB; 1x RS-232; Windows 7 Ultimate SP1, 64-bit; MUI (en/de/fr/it); Replaceable without drive; SSD 240 GB SATA; without SIMATIC software

General information	
Product type designation	IPC477D
Display	
Design of display	19" TFT multi-touch
Screen diagonal	19 in
Display width	409.8 mm
Display height	230.4 mm
Resolution (pixels)	
● Horizontal image resolution	1 366 pixel
● Vertical image resolution	768 pixel
Control elements	
Touch operation	
● Design as multi-touch screen	Yes; Projective-capacitive
Installation type/mounting	
Design	Panel PC on pedestal or supporting arm
Support arm mounting	Yes; Suitable for support arm without extension components
Stand mounting	No
Mounting in portrait format possible	No
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	
Optical drives	possible as external drive via USB
SSD	Yes; 1x 240 GB SSD, 1x 480 GB SSD
Storage	
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	
● Number of PCI slots	0
● Number of PCI slots	0; Different to the built-in unit
● Number of compact flash slots	2; CFast
Interfaces	
Number of PROFINET interfaces	1; 3 ports (incl. switch)
serial interface	COM1 (RS 232)
Video interfaces	

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● Graphics interface	1x DVI, 1x DisplayPort
Industrial Ethernet	
● Industrial Ethernet interface	
— 100 Mbps	Yes
— 1000 Mbps	Yes
Interrupts/diagnostics/status information	
Bus diagnostics	Yes
Integrated Functions	
Monitoring functions	
● Temperature monitoring	Yes
● Fan	No
● Monitoring function via network	Optional
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP65
Standards, approvals, certificates	
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
Use in hazardous areas	
● ATEX Zone 2	Yes
● ATEX Zone 22	Yes
● IECEx Zone 2	Yes
● cULus Class I Zone 2, Division 2	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	5 °C
● max.	45 °C
Ambient temperature during storage/transportation	
● min.	-20 °C
● max.	60 °C
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/s² (1 g)
Operating systems	
pre-installed operating system	Windows 7 Ultimate (Multi-Language) 32-bit / 64-bit, Windows Embedded Standard 7 32-bit / 64-bit
without operating system	Yes; Optional
pre-installed operating system	
● Windows 7	Yes; Ultimate 32 bit or 64 bit
Dimensions	
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
Approvals / Certificates	
General Product Approval	

Miscellaneous

EG-Konf.

UL

RCM

Manufacturer Declaration

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General Product Approval			Dangerous goods	Environment	
China RoHS	CE EG-Konf.	UK CA	Dangerous goods information	Environmental Confirmations	Environmental Confirmations

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