

SIMATIC IPC377G (basic panel PC); 15" singletouch (1366 x 768); 2x 10/100/1000 Mbps Ethernet RJ45; 2x DisplayPort graphic; 4x USB 3.1; 2x M.2 extension slot; 24 V DC power supply Atom x6413E (up to 3.9 GHz); 4 GB RAM; 4x USB+4x COM via pin header; without operating system; 512 GB SSD; ;

General information	
Product type designation	IPC377G
Display	
Design of display	15" TFT touch
Screen diagonal	15 in
Resolution (pixels)	
• Horizontal image resolution	1 366 pixel
• Vertical image resolution	768 pixel
Backlighting	
• MTBF backlighting (at 25 °C)	50 000 h
Control elements	
Touch operation	
• Design as touch screen	Yes; Analog-resistive
Installation type/mounting	
Mounting	Panel mount and VESA, horizontal and vertical
Design	Panel PC, built-in unit
central design	Yes
Mounting in portrait format possible	Yes
Supply voltage	
Type of supply voltage	24 V DC
Mains buffering	
• Mains/voltage failure stored energy time	10 ms
Processor	
Processor type	Intel Atom X6413E
Drives	
SSD	Yes
Memory	
Type of memory	DDR4
Main memory	4 GB (pre-installed)
Capacity of main memory, max.	16 Gbyte
Interfaces	
Number of industrial Ethernet interfaces	2; 2x RJ45 (independent)
Video interfaces	
• Graphics interface	2x DisplayPort
Industrial Ethernet	
• Industrial Ethernet interface	
— 100 Mbps	Yes
— 1000 Mbps	Yes
Protocols	
Protocols (Ethernet)	
• TCP/IP	Yes
Interrupts/diagnostics/status information	
LED status display	POWER, HDD
Integrated Functions	
Monitoring functions	
• Temperature monitoring	Yes
• Fan	No

Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP40
Standards, approvals, certificates	
CE mark	Yes
UKCA mark	Yes
CSA approval	Yes
UL approval	Yes
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
FCC	Yes
BSMI	Yes
BIS	Yes
Dust protection	Protection against foreign bodies > 1 mm
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	50 °C; when installed vertically in horizontal format, vertical inclination maximum 45° or when installed upright in vertical format
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	70 °C
Vibrations	
• Vibration resistance during operation acc. to IEC 60068-2-6	Tested according to IEC 60068-2-6: 5 Hz to 8.4 Hz: 3.5 mm, 8.4 Hz to 500 Hz: 9.8 m/s ²
Operating systems	
without operating system	Yes
Dimensions	
Width of the housing front	406 mm
Height of housing front	258.1 mm
Mounting cutout, width	388.4 mm
Mounting cutout, height	240.5 mm
mounting depth	99.7 mm
Weights	
Weight, approx.	4.8 kg

Approvals / Certificates	
General Product Approval	Test Certificates



[Confirmation](#)



[Type Test Certificates/Test Report](#)

Maritime application	other
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[CCS \(China Classification Society\)](#)

[Confirmation](#)

[Miscellaneous](#)



[Confirmation](#)

Environment

[Environmental Confirmations](#)

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