

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; 256 GB SSD; ;

General information	
Product type designation	IPC377G
Display	
Screen diagonal	15 in
Resolution (pixels)	
• Horizontal image resolution	1 366 pixel
• Vertical image resolution	768 pixel
Control elements	
Touch operation	
• Design as touch screen	Analog-resistive
Installation type/mounting	
Mounting	Panel mount and VESA, horizontal and vertical
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
Memory	
Type of memory	DDR4
Main memory	4 GB (pre-installed)
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
Interrupts/diagnostics/status information	
LED status display	POWER, HDD
Degree and class of protection	
IP (at the front)	IP65
Standards, approvals, certificates	
CE mark	Yes
UKCA mark	Yes
UL approval	Yes
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
FCC	Yes
BSMI	Yes
Dust protection	Protection against foreign bodies > 1 mm
Ambient conditions	
Ambient temperature during storage/transportation	

- min. -20 °C
- max. 70 °C

Operating systems

pre-installed operating system	Windows 10 Enterprise LTSC 2019, 64Bits, MUI
without operating system	Yes
pre-installed operating system	
• Windows 10 Enterprise	Yes

Approvals / Certificates

General Product Approval	Test Certificates
--------------------------	-------------------



[Confirmation](#)



[Type Test Certificates/Test Report](#)

Maritime application	other
----------------------	-------



[CCS \(China Classification Society\)](#)

[Confirmation](#)

[Miscellaneous](#)



[Confirmation](#)

Environment

[Environmental Confirmations](#)

last modified: 12/17/2025