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Data sheet 6AG4025-0CE20-0BB0

SIMATIC IPC527G (Box PC); 2x Gigabit Ethernet (IE/PN); 1x display port, 1x VGA; 4x USB3.0; 2x RS232/485/422 (can be selected); 100/240 V AC power supply Core i5-6500 (4C/4T, 3.2 (3.6) GHz, 6 MB cache) 256 GB SSD 8 GB DDR4 Without operating system; 1 x PCIe x16 1 x PCIe x1; 2 x PCI 2 x RS232; 2 x USB2.0 additionally

General information	
Product type designation	IPC527G
Installation type/mounting	
Mounting	Wall mounting, portrait mounting, desktop mounting
Design	Box PC, built-in unit
Supply voltage	
Type of supply voltage	100/240V AC (autorange) 50/60 Hz
Line frequency	
● Rated value 50 Hz	Yes
● Rated value 60 Hz	Yes
Processor	
Processor type	Core i7-6700 (4C/8T, 3.4 (4.0) GHz, 8 MB cache); Core i5-6500 (4C/4T, 3.2 (3.6) GHz, 6 MB cache); Pentium G4400 (2C/2T, 3.3 GHz, 3 MB cache)
Chipset	Intel H110
Graphic	
Graphics controller	Onboard Intel HD graphics 530/510 integrated in processor
Drives	
Hard disk	1 TB HDD
SSD	Yes; Optional
Storage	
Type of memory	DDR4-2133 SO-DIMM
Main memory	4 / 8 / 16 GB, supports up to 32 GB
Capacity of main memory, max.	32 Gbyte
Hardware configuration	
Slots	
● Number of PCI slots	2; Optional
● Number of PCI slots	2; Optional
Interfaces	
Number of industrial Ethernet interfaces	3; 3x Gigabit Ethernet (IE/PN), RJ45 optional; 2x Gigabit Ethernet (IE/PN), RJ45 basic configuration
Number of PROFINET interfaces	3; 2 ports base configuration, 3 ports optional
serial interface	2x RS 232 / 485 / 422 combined, 2x RS 232 optional
Video interfaces	
● Graphics interface	1x DisplayPort, 1x VGA
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)	IP20
IP (rear)	IP20
Standards, approvals, certificates	
CE mark	Yes
CSA approval	Yes; No. 61010-1-12, No. 61010-2-201
UL approval	Yes

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cULus	Yes; UL 61010-1, UL 61010-2-201
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
FCC	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	0 °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 according to IEC 60068-2-6: 10 Hz to 58 Hz: 0.0375 mm, 58 Hz to 200 Hz: 4.9 m/s²
Operating systems	
pre-installed operating system	Windows 7 Ultimate (Multi-Language) 32-bit / 64-bit; Windows 10 Enterprise 2016 LTSB
without operating system	Yes
pre-installed operating system	
● Windows 7	Yes; Ultimate 32 bit or 64 bit
● Windows 10	Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI
Dimensions	
Width	260 mm
Height	135 mm
Depth	225 mm

Approvals / Certificates

General Product Approval	EMV	Test Certificates
		Type Test Certificates/Test Report

Maritime application	other
	Confirmation

Railway	Environment
Special Test Certificate	Environmental Confirmations

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