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Data sheet 6AG4012-2CA20-0BX0

SIMATIC IPC347G (rack PC, 19", 4 U); Core i7 6700 (4C/8T, 3.4 (4.0) GHz, 8 MB cache); 2x Gbit Ethernet, 1x DP, 1x VGA, 2x USB on the front, 4x USB on the rear side, 2x USB internal, 2x serial, 2x PS/2, audio; 1x 1 TB HDD, internal; 8 GB DDR4 (1x 8 GB), no DVD +/-RW; Windows 10 IoT Enterprise for i7; 100/240 V industrial power supply, without line cable



Figure similar

General information	
Product type designation	IPC347G
Installation type/mounting	
Mounting	For horizontal and vertical mounting
Design	Rack PC, 19", 4U
Supply voltage	
Type of supply voltage	100 - 240 V AC
Line frequency	
● Rated value 50 Hz	Yes
● Rated value 60 Hz	Yes
Processor	
Processor type	Core i7-6700 (4C/4T, 3.6 (4.0) GHz, 8 MB Cache)
Chipset	Intel H110
Graphic	
Graphics card	Yes
Drives	
Hard disk	1 TB HDD
Memory	
Main memory	8 GB (pre-installed), support up to 32 GB
Capacity of main memory, max.	8 Gbyte
Hardware configuration	
Slots	
● Number of PCI slots	3
● Number of PCI slots	4
Interfaces	
Number of industrial Ethernet interfaces	2
Number of PROFINET interfaces	2
serial interface	2x COM ports (RS 232, RS 422, RS 485) and 2x COM pin header
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	

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IP degree of protection	IP20
IP (rear)	IP20
Ambient conditions	
Ambient temperature during operation	
● min.	5 °C
● max.	40 °C
Operating systems	
pre-installed operating system	Windows 10 IoT Enterprise 2019 LTSC, 64 bit, MUI
without operating system	No
pre-installed operating system	
● Windows 10 Enterprise	Yes
Dimensions	
Width	430 mm
Height	176 mm
Depth	465.8 mm

Classifications

	Version	Classification
eClass	14	19-20-01-02
eClass	12	19-20-01-02
eClass	9.1	19-20-01-02
eClass	9	19-20-01-02
eClass	8	19-20-01-02
eClass	7.1	19-20-01-02
eClass	6	19-20-01-02
ETIM	10	EC001413
ETIM	9	EC001413
ETIM	8	EC001413
ETIM	7	EC001413
IDEA	4	6606
UNSPSC	15	43-21-15-06

Approvals / Certificates

General Product Approval

CE EG-Konf.	Manufacturer Declaration	UKCA	Miscellaneous	Miscellaneous	RCM

General Product Approval	EMV	Dangerous goods
BIS CRS	RCM	Dangerous goods information

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