

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	
<ul style="list-style-type: none"> Rated value 50 Hz Rated value 60 Hz 	Yes 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	
<ul style="list-style-type: none"> free slots Number of PCI slots Number of PCI slots 	3x PCI, 1x PCIe (x16), 1xPCIe (x4) (4 or 2 lanes), 2x PCIe (x4) (1 lane) 3 4
Interfaces	
Number of industrial Ethernet interfaces	2
Number of PROFINET interfaces	2
USB port	4x USB 3.0 on rear panel, 2x USB 2.0 on front panel, 2x USB 2.0 internal and 2x pin header USB
Connection for keyboard/mouse	2x PS/2
serial interface version	2x COM ports (RS 232, RS 422, RS 485) and 2x COM pin header
Multimedia	
<ul style="list-style-type: none"> Audio In/Out Microphone In 	Yes Yes
Video interfaces	
<ul style="list-style-type: none"> Graphics interface 	1x DisplayPort, 1x VGA
Industrial Ethernet	
<ul style="list-style-type: none"> Industrial Ethernet interface 	

— 100 Mbps	Yes	
— 1000 Mbps	Yes	
Interrupts/diagnostics/status information		
LED status display	POWER, HDD	
EMC		
Interference immunity against discharge of static electricity		
• Interference immunity against discharge of static electricity	±4 kV contact discharge acc. to IEC 61000-4-2; ±8 kV air discharge acc. to IEC 61000-4-2	
Interference immunity against high-frequency electromagnetic fields		
• Interference immunity against high frequency radiation	10 V/m, 80 MHz to 2 GHz, 80 % AM acc. to IEC 61000-4-3; 3 V/m, 2 GHz to 2.7 GHz, 80 % AM acc. to IEC 61000-4-3; 10 V, 10 kHz to 80 MHz, 80 % AM acc. to IEC 61000-4-6	
Interference immunity to cable-borne interference		
• Interference immunity on supply cables	±2 kV acc. to IEC 61000-4-4, burst; ±1 kV acc. to IEC 61000-4-5, surge symmetric; ±2 kV acc. to IEC 61000-4-5, surge asymmetric	
• Interference immunity on signal cables >30m	±2 kV acc. to IEC 61000-4-4, burst; length > 30 m; ±2 kV acc. to IEC 61000-4-5, surge; length > 30 m	
• Interference immunity on signal cables < 30m	±1 kV acc. to IEC 61000-4-4, Burst	
Interference immunity against voltage surge		
• asymmetric interference	±2 kV acc. to IEC 61000-4-5, surge asymmetric	
• symmetric interference	±1 kV acc. to IEC 61000-4-5, surge symmetric	
Emission of conducted and non-conducted interference		
• Interference emission via line/AC current cables	IEC 61000-6-4, CISPR 22, FCC Class A	
Compliance with line harmonic distortion limits		
• Compliance with line harmonic distortion acc. to IEC 61000-3-2, IEC 61000-3-3	Yes; EN 61000-3-2 Class D; EN 61000-3-3	
Degree and class of protection		
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		



[Manufacturer Declaration](#)



[Miscellaneous](#)

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General Product Approval	EMV	Dangerous goods
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