

SIMATIC IPC347G (rack PC, 19", 4 U); 2x Gbit Ethernet, 1x DP, 1x VGA, 2x USB on the front, 4x USB on the rear, 2x USB internal, 2x serial, 2x PS/2, audio; no DVD +/-RW; 100/240 V industrial power supply, without power supply cable  
Pentium Dual Core G4400 (2C/2T, 3.3 GHz, 3 MB cache); 256 GB SSD; 16 GB DDR4; PS 350W; Windows 10 IoT Enterprise for Pentium/i3/i5;

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"> <li>• Rated value 50 Hz Yes</li> <li>• Rated value 60 Hz Yes</li> </ul>
Processor	
Processor type	Core i7-6700 (4C/4T, 3.6 (4.0) GHz, 8 MB Cache)
Chipset	Intel H110
Drives	
Hard disk	HDD & SSD
Memory	
Main memory	4 / 8 / 16 GB, supports up to 32 GB
Capacity of main memory, max.	32 Gbyte
Hardware configuration	
Slots	<ul style="list-style-type: none"> <li>• free slots 3x PCI, 1x PCIe (x16), 1xPCIe (x4) (4 or 2 lanes), 2x PCIe (x4) (1 lane)</li> </ul>
Interfaces	
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
Multimedia	<ul style="list-style-type: none"> <li>• Audio In/Out Yes</li> <li>• Microphone In Yes</li> </ul>
Video interfaces	<ul style="list-style-type: none"> <li>• Graphics interface 1x DisplayPort, 1x VGA</li> </ul>
Industrial Ethernet	<ul style="list-style-type: none"> <li>• Industrial Ethernet interface <ul style="list-style-type: none"> <li>— 100 Mbps Yes</li> <li>— 1000 Mbps Yes</li> </ul> </li> </ul>
EMC	
Interference immunity against discharge of static electricity	<ul style="list-style-type: none"> <li>• 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</li> </ul>
Interference immunity against high-frequency electromagnetic fields	<ul style="list-style-type: none"> <li>• 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</li> </ul>
Interference immunity to cable-borne interference	<ul style="list-style-type: none"> <li>• 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</li> <li>• Interference immunity on signal cables &gt;30m ±2 kV acc. to IEC 61000-4-4, burst; length &gt; 30 m; ±2 kV acc. to IEC 61000-4-5, surge; length &gt; 30 m</li> <li>• Interference immunity on signal cables &lt; 30m ±1 kV acc. to IEC 61000-4-4, Burst</li> </ul>
Interference immunity against voltage surge	<ul style="list-style-type: none"> <li>• asymmetric interference ±2 kV acc. to IEC 61000-4-5, surge asymmetric</li> <li>• symmetric interference ±1 kV acc. to IEC 61000-4-5, surge symmetric</li> </ul>

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
<b>Degree and class of protection</b>	
IP (at the front)	IP20
IP (rear)	IP20
<b>Ambient conditions</b>	
Ambient temperature during operation	
• min.	5 °C
• max.	40 °C
<b>Dimensions</b>	
Width	430 mm
Height	176 mm
Depth	465.8 mm
<b>Approvals / Certificates</b>	
General Product Approval	

[Miscellaneous](#)

[Manufacturer Declaration](#)



[Miscellaneous](#)

General Product Approval	EMV
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other
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