

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 Core i5-6500 (4C/4T, 3.2 (3.6) GHz, 6 MB cache); 256 GB SSD; 8 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</li> <li>Rated value 60 Hz</li> </ul>	Yes Yes
Processor	
Processor type	Core i7-6700 (4C/4T, 3.6 (4.0) GHz, 8 MB Cache)
Chipset	Intel H110
Memory	
Main memory	4 / 8 / 16 GB, supports up to 32 GB
Capacity of main memory, max.	32 Gbyte
Interfaces	
Connection for keyboard/mouse	2x PS/2
Multimedia	
<ul style="list-style-type: none"> <li>Audio In/Out</li> <li>Microphone In</li> </ul>	Yes Yes
Video interfaces	
<ul style="list-style-type: none"> <li>Graphics interface</li> </ul>	1x DisplayPort, 1x VGA
Industrial Ethernet	
<ul style="list-style-type: none"> <li>Industrial Ethernet interface               <ul style="list-style-type: none"> <li>100 Mbps</li> <li>1000 Mbps</li> </ul> </li> </ul>	Yes Yes
EMC	
Interference immunity against discharge of static electricity	
<ul style="list-style-type: none"> <li>Interference immunity against discharge of static electricity</li> </ul>	±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	
<ul style="list-style-type: none"> <li>Interference immunity against high frequency radiation</li> </ul>	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	
<ul style="list-style-type: none"> <li>Interference immunity on supply cables</li> <li>Interference immunity on signal cables &gt;30m</li> <li>Interference immunity on signal cables &lt; 30m</li> </ul>	±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 ±2 kV acc. to IEC 61000-4-4, burst; length > 30 m; ±2 kV acc. to IEC 61000-4-5, surge; length > 30 m ±1 kV acc. to IEC 61000-4-4, Burst
Interference immunity against voltage surge	
<ul style="list-style-type: none"> <li>asymmetric interference</li> <li>symmetric interference</li> </ul>	±2 kV acc. to IEC 61000-4-5, surge asymmetric ±1 kV acc. to IEC 61000-4-5, surge symmetric
Emission of conducted and non-conducted interference	
<ul style="list-style-type: none"> <li>Interference emission via line/AC current cables</li> </ul>	IEC 61000-6-4, CISPR 22, FCC Class A
Compliance with line harmonic distortion limits	
<ul style="list-style-type: none"> <li>Compliance with line harmonic distortion acc. to IEC 61000-3-2, IEC 61000-3-3</li> </ul>	Yes; EN 61000-3-2 Class D; EN 61000-3-3
Degree and class of protection	
IP (at the front)	20

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>	
<b>General Product Approval</b>	

[Miscellaneous](#)

[Manufacturer Declaration](#)



[Miscellaneous](#)

**General Product Approval** **EMV**



[BIS CRS](#)



[China RoHS](#)



**other**



IECEX

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