

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 i7 6700 (4C/8T, 3.4 (4.0) GHz, 8 MB cache, 1 TB HDD; 32 GB DDR4 (2x 16 GB); PS 350W; Windows 10 IoT Enterprise for i7;

| 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 |
| 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"> free slots | 3x PCI, 1x PCIe (x16), 1xPCIe (x4) (4 or 2 lanes), 2x PCIe (x4) (1 lane) |
| 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"> 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 <ul style="list-style-type: none"> 100 Mbps 1000 Mbps | Yes Yes |
| EMC | |
| Interference immunity against discharge of static electricity | |
| <ul style="list-style-type: none"> 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 | |
| <ul style="list-style-type: none"> 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 | |
| <ul style="list-style-type: none"> Interference immunity on supply cables Interference immunity on signal cables >30m Interference immunity on signal cables < 30m | ±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"> asymmetric interference symmetric interference | ±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 | |

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|---|---|
| • 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 |

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| Degree and class of protection | |
| IP (at the front) | IP20 |
| IP (rear) | IP20 |

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| Ambient conditions | |
| Ambient temperature during operation | |
| • min. | 5 °C |
| • max. | 40 °C |

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| Dimensions | |
| Width | 430 mm |
| Height | 176 mm |
| Depth | 465.8 mm |

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| 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 | 9 | EC001413 |
| | ETIM | 8 | EC001413 |
| | ETIM | 7 | EC001413 |

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| Approvals / Certificates | |
| General Product Approval | |



last modified:

8/13/2024 