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## Data sheet 6AG4012-1AA21-0BX0

***no longer available*** SIMATIC IPC347E (rack PC, 19, 4 U); Pentium Dual Core 3420 (2C/2T, 3.2 GHz, 3 MB cache); interfaces: 2x Gbit Ethernet, 1x DVI-D, 1x VGA, 2x USB on the front, 4x USB on the rear, 1x USB internal, 2x serial, 2x PS/2, audio; 1x 500 GB HDD, internal; 4 GB DDR3 SD-RAM (1x 4 GB), single channel; DVD +/-RW; Windows 7 Ultimate 64 bit SP1; 100/240 V industrial power supply, without line cable



| | |
|---|---|
| **General information** | |
| Product type designation | IPC347E |
| **Installation type/mounting** | |
| Mounting | For horizontal rack 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 | Pentium Dual Core G3420 (2C/2T, 3.2 GHz, 3 MB Cache) |
| **Graphic** | |
| Graphics card | Yes |
| **Drives** | |
| Hard disk | 500 GB HDD |
| **Storage** | |
| Type of memory | DDR3-SDRAM |
| Main memory | 4 GB (pre-installed), support up to 16 GB |
| Capacity of main memory, max. | 4 Gbyte |
| **Hardware configuration** | |
| Slots | |
| ● Number of PCI slots | 4 |
| **Interfaces** | |
| Interfaces/bus type | 2x Gbit Ethernet (RJ45), 1x DVI-D, 1x VGA, 4x USB 2.0 on rear, 2x USB 2.0 on front, 2x COM, 2x PS/2, Audio (Line In, Line Out, Micro) |
| Number of industrial Ethernet interfaces | 2 |
| Number of PROFINET interfaces | 0 |
| serial interface | 2x COM ports (RS 232, RS 422, RS 485) |
| Video interfaces | |
| ● Graphics interface | 1x VGA; 1x DVI-D |
| 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** | |
| IP degree of protection | IP20 |


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|---|---|
| IP (at the front) | IP20 |
| IP (rear) | IP20 |
| **Standards, approvals, certificates** | |
| CE mark | Yes |
| UL approval | Yes |
| cULus | Yes |
| KC approval | Yes |
| FCC | Yes |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | 5 °C |
| ● max. | 40 °C |
| Ambient temperature during storage/transportation | |
| ● min. | -20 °C |
| ● max. | 60 °C |
| **Operating systems** | |
| pre-installed operating system | Windows 7 Ultimate (Multi-Language) 64-bit |
| pre-installed operating system | |
| ● Windows 7 | Yes; Ultimate 64 bit |
| **Mechanics/material** | |
| Enclosure material (front) | |
| ● Aluminum | Yes |
| **Dimensions** | |
| Width | 430 mm |
| Height | 177 mm |
| Depth | 463 mm |

**Classifications**

| | Version | Classification |
|---|---|---|
| eClass | 16 | 19-20-01-02 |
| 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**

Miscellaneous | Manufacturer Declaration | Miscellaneous | FCC

**General Product Approval** | **EMV** | **Dangerous goods**

China RoHS | Dangerous goods information | Test Summary Report UN 38.3


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## Dangerous goods

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|---|---|
| Dangerous goods information | Test Summary Report UN 38.3 |

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