

no longer available SIMATIC IPC547D (Rack PC, 19", 4HU);
 Interfaces: 2x Gbit LAN (RJ45), 1x Display port, 1x DVI-I, 8x USB
 back side, 2x USB on the front, 1x USB internal, 1x serial (COM 1),
 2x PS/2, audio; 7 slots (long): 4x PCI, 1x PCIe X16, 1x PCIe X16 (4
 LANES) 1x PCIe X8 (1 LANE); Mounting spaces: 6 (3x 5.25", 1x 3.5"
 accessible from outside; 2x 3.5" internally accessible); Temperature
 and fan monitoring; Watchdog; Card retainer

Supply voltage

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|---|----------------|
| Type of supply voltage | 100 - 240 V AC |
| Line frequency | |
| <ul style="list-style-type: none"> Rated value 50 Hz | Yes |
| <ul style="list-style-type: none"> Rated value 60 Hz | Yes |

Processor

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|----------------|---|
| Processor type | Core i7-2600 (4C/8T, 3.4 GHz, 8 MB LL Cache, TB 2.0, EM64T, VT-x/-d, iAMT); Core i5-2400 (4C/4T, 3.1 GHz, 6 MB LL Cache, TB 2.0, EM64T, VT-x/-d, iAMT); Pentium Dual Core G850 (2C/2T, 2.9 GHz, 3 MB LL Cache, EM64T, VT) |
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Drives

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| Hard disk | 500 GB or 1 TB SATA HDD; RAID1/RAID5; 50 GB SATA SSD; installed internally on the shock and vibration-damped drive support plate or in swap frame in the front drive rack |
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Memory

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| Type of memory | DDR3-SDRAM |
| Main memory | 1 GB to 16 GB |
| Capacity of main memory, max. | 32 Gbyte |

Hardware configuration

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|--|---|
| Slots | |
| <ul style="list-style-type: none"> free slots | 4x PCI, 1x PCIe x16, 1x PCIe x16 (4 lanes), 1x PCIe x8 (1 lane) |

Interfaces

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|-------------------------------|---|
| Interfaces/bus type | 2x Gbit Ethernet (RJ45), 1x DisplayPort, 1x DVI-I, 8x USB 2.0 at the rear, 2x USB 2.0 on front, 1x USB 2.0 internal, 2x COM (1x optional), 1x LPT (optional), 2x PS/2, audio (Line in, Line out, Micro) |
| USB port | 8x USB 2.0 at the rear, 2x USB 2.0 on front, 1x USB 2.0 internal |
| Connection for keyboard/mouse | 2x PS/2 |
| serial interface | COM1: 1 x V.24 (RS232), COM2: 1 x V.24 (RS232C) |
| parallel interface | LPT1 (EPP/ECP) |
| Video interfaces | |

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|---|---|
| <ul style="list-style-type: none"> • Graphics interface | 1x DisplayPort and 1x DVI-I; 1x VGA via adapter cable (optional) |
| Industrial Ethernet | |
| <ul style="list-style-type: none"> • Industrial Ethernet interface | 2 x Ethernet (RJ45) |
| <ul style="list-style-type: none"> — 100 Mbps | Yes |
| <ul style="list-style-type: none"> — 1000 Mbps | Yes |
| Integrated Functions | |
| Monitoring functions | |
| <ul style="list-style-type: none"> • Temperature monitoring | Yes |
| <ul style="list-style-type: none"> • Watchdog | Yes |
| <ul style="list-style-type: none"> • Status LEDs | POWER, HDD, TEMP, FAN; HDD Alarm LEDs behind the front flap |
| Standards, approvals, certificates | |
| CE mark | Yes |
| KC approval | Yes |
| Ambient conditions | |
| Ambient temperature during operation | |
| <ul style="list-style-type: none"> • Ambient temperature during operation | +5 °C to +40 °C in maximum configuration without loss of power (throttling) |
| <ul style="list-style-type: none"> • min. | 5 °C |
| <ul style="list-style-type: none"> • max. | 40 °C |
| Relative humidity | |
| <ul style="list-style-type: none"> • Relative humidity | Tested according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 °C (no condensation) |
| Vibrations | |
| <ul style="list-style-type: none"> • Vibration resistance during operation acc. to IEC 60068-2-6 | Tested according to IEC 60068-2-6, 10 cycles; 20 to 58 Hz: 0.015 mm; 58 to 200 Hz: 2 m/s ² (0.2 g) |
| Shock testing | |
| <ul style="list-style-type: none"> • Shock load during operation | Tested according to IEC 60068-2-27, IEC 60068-2-29; half-sine: 9.8 m/s ² (1 g), 20 ms, 100 shocks per axis |
| Operating systems | |
| Operating system | Windows XP Professional, MUI, 32-bit; Windows 7 Ultimate, MUI, 32-bit / 64-bit; Windows Server 2008 Standard Edition incl. 5 clients, MUI, 32 bit; Windows Server 2008 R2 Standard Edition incl. 5 clients, MUI, 64-bit |
| pre-installed operating system | Yes |
| Additional info on operating system | Multi-Language User Interface (MUI): 5 languages (English, German, French, Spanish, Italian) |
| without operating system | Yes |
| pre-installed operating system | |
| <ul style="list-style-type: none"> • Windows XP Professional | Yes |
| Software | |

SIMATIC Software

Optional in a package with SIMATIC WinCC, WinCC flexible, or WinAC RTX

Other

Warranty period

24 mo; Warranty period

last modified:

05/20/2018