SIEMENS

Data sheet

6AV7260-0BB10-1AC0

SIMATIC IPC677D (Panel PC), 2x10/100/1000 Mbit/s Ethernet; 4x USB V3.0, 1x serial (COM1); Watchdog, temperature and Fan monitoring; RAID controller onboard; 15" Touch (1280x 800); with front USB Celeron G1820TE (2C/2T, 2.2 GHz, 2 MB cache); PROFIBUS/MPI (CP 5622-compatible); 2 MB buffered SRAM 500 GB HDD SATA; DVD +/-RW; 2 GB DDR3 1600 DIMM; 2x PCI 2x USB additive (1 slot occupied) Windows 7 Ultimate 32 bit SP1, MUI (de, en, fr, es, it) SIMATIC IPC DiagMonitor and Image&Partition Creator enclosed AC 110/230V industrial power supply unit with NAMUR; Power supply cable Europe

| General information | |
|--|--|
| Product type designation | IPC677D |
| Display | |
| Design of display | 15" TFT touch |
| Screen diagonal | 15 in |
| Resolution (pixels) | |
| Horizontal image resolution | 1 280 pixel |
| Vertical image resolution | 800 pixel |
| Backlighting | |
| MTBF backlighting (at 25 °C) | 80 000 h |
| Control elements | |
| Input device | |
| Mouse, at front | Front USB 2.0 (500mA) |
| Touch operation | |
| Design as touch screen | Yes; analog, resistive |
| Installation type/mounting | |
| Mounting | For horizontal and vertical mounting |
| Design | Panel PC, built-in unit |
| central design | Yes |
| Mounting in portrait format possible | Yes |
| maximum permissible installation angle +/- | 20° |
| Supply voltage | |
| Type of supply voltage | 100/240 V AC (autorange); 24 V DC |
| Line frequency | |
| Rated value 50 Hz | Yes |
| Rated value 60 Hz | Yes |
| Mains buffering | |
| Mains/voltage failure stored energy time | 10 ms |
| Power loss | |
| In full configuration | 155 W |
| Processor | |
| Processor type | Celeron G1820TE (2C/2T, 2.2 GHz, 2 MB Cache); Core i3-4330TE (2C/4T, 2.4 GHz, 4 MB Cache); Xeon E3-1268L v3 (4C/8T, 2.3 (3.3) GHz, 8 MB Cache, AMT) |
| Chipset | Intel DH82C226 PCH |
| Graphic | |
| Graphics controller | Intel HD graphics controller P4600 GT2 (Xeon, Core i3); Intel HD graphics controller (Celeron) |
| Drives | |
| Optical drives | DVD±R±RW combi-drive, optional |
| Hard disk | 3.5" SATA ≥ 500 GB, optional: 3.5" SATA ≥ 1 TB; RAID1 2x 2.5" SATA ≥ 320 GB; solid-state drive (SSD) ≥ 240 GB; all hard disk drives within the enclosure are vibration-damped; RAID1 2x 2.5" SATA ≥ 320 GB byte in removable drive bay |
| SSD | Yes; ≥ 240 GB optional |
| Memory | |
| Type of memory | DDR3-1600 DIMM |
| Main memory | 2 / 4 / 8 / 16 GB; ECC optional |

| Canacity of main mamony may | 16 Chyto |
|---|--|
| Capacity of main memory, max. Data areas and their retentivity | 16 Gbyte |
| Retentive data area (incl. timers, counters, flags), max. | 2 Mbyte; 128 KB can be stored in the buffer time; optional |
| Hardware configuration | 2 Mbyte, 126 KB can be stored in the buller time, optional |
| Slots | |
| • free slots | 2x PCI; optional: 1x PCI & 1x PCIe (x16); 2x PCIe (x4, x16); with card retainer |
| Number of PCI slots | 2 |
| Number of PCI slots | 2 |
| Interfaces | |
| PROFIBUS/MPI | Optionally onboard, isolated, max. 12 Mbit/s, compatible with CP 5622 |
| Number of industrial Ethernet interfaces | 2; 2x RJ45 (independent) |
| Number of PROFINET interfaces | 3; Optional |
| USB port | 4x USB 3.0 |
| Connection for keyboard/mouse | USB / USB |
| serial interface | 1x COM1 (RS 232), optional: 1x COM2 (RS 232) |
| parallel interface | optional LPT1 |
| Video interfaces | |
| Graphics interface | 1x DisplayPort and 1x DVI-I; 1x VGA via adapter cable (optional) |
| Industrial Ethernet | |
| Industrial Ethernet interface | Onboard, 2x 10 / 100 / 1000 Mbit, RJ45 |
| — 100 Mbps | Yes |
| — 1000 Mbps | Yes |
| Interrupts/diagnostics/status information | |
| Bus diagnostics | Yes |
| Integrated Functions | |
| Monitoring functions | |
| Temperature monitoring | Yes |
| Watchdog | Yes |
| Status LEDs | Yes |
| Fan Monitoring function via network | Yes Optional |
| Monitoring function via network EMC | Ориона |
| Interference immunity against discharge of static electricity | |
| Interference immunity against discharge of static | ±6 kV contact discharge acc. to IEC 61000-4-2; ±8 kV air discharge acc. to IEC |
| electricity | 61000-4-2 |
| Interference immunity against high-frequency electromagnetic fields | S |
| Interference immunity against high frequency radiation | 10 V/m for 80 - 1 000 MHz and 1.4 - 2 GHz, 80% AM acc. to IEC 61000-4-3; 3 V/m for 2 - 2.7 GHz, 80% AM acc. to IEC 61000-4-3; 10 V for 10 kHz - 80 MHz, 80% AM acc. to IEC 61000-4-6 |
| Interference immunity to cable-borne interference | |
| 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 |
| Interference immunity on signal cables >30m | ±2 kV acc. to IEC 61000-4-5, surge, length > 30 m |
| Interference immunity on signal cables < 30m | ±1 kV acc. to IEC 61000-4-4; burst; length < 3 m; ±2 kV acc. to IEC 61000-4-4; burst; length > 3 m |
| Interference immunity against voltage surge | |
| interiered infinitity against voltage surge | |
| asymmetric interference | ±2 kV acc. to IEC 61000-4-5, surge asymmetric |
| | ±2 kV acc. to IEC 61000-4-5, surge asymmetric ±1 kV acc. to IEC 61000-4-5, surge symmetric |
| asymmetric interference | |
| asymmetric interference symmetric interference | |
| asymmetric interference symmetric interference Interference immunity to magnetic fields | ±1 kV acc. to IEC 61000-4-5, surge symmetric |
| asymmetric interference symmetric interference Interference immunity to magnetic fields Interference immunity to magnetic fields at 50 Hz | ±1 kV acc. to IEC 61000-4-5, surge symmetric |
| asymmetric interference symmetric interference Interference immunity to magnetic fields Interference immunity to magnetic fields at 50 Hz Emission of conducted and non-conducted interference | ±1 kV acc. to IEC 61000-4-5, surge symmetric 100 A/m; to IEC 61000-4-8 |
| asymmetric interference symmetric interference Interference immunity to magnetic fields Interference immunity to magnetic fields at 50 Hz Emission of conducted and non-conducted interference Interference emission via line/AC current cables | ±1 kV acc. to IEC 61000-4-5, surge symmetric 100 A/m; to IEC 61000-4-8 |
| asymmetric interference symmetric interference Interference immunity to magnetic fields Interference immunity to magnetic fields at 50 Hz Emission of conducted and non-conducted interference Interference emission via line/AC current cables Degree and class of protection | ±1 kV acc. to IEC 61000-4-5, surge symmetric 100 A/m; to IEC 61000-4-8 EN 61000-6-3, EN 61000-6-4, CISPR 22 Class B, FCC Class A |
| asymmetric interference symmetric interference Interference immunity to magnetic fields Interference immunity to magnetic fields at 50 Hz Emission of conducted and non-conducted interference Interference emission via line/AC current cables Degree and class of protection IP (at the front) | ±1 kV acc. to IEC 61000-4-5, surge symmetric 100 A/m; to IEC 61000-4-8 EN 61000-6-3, EN 61000-6-4, CISPR 22 Class B, FCC Class A |
| asymmetric interference symmetric interference Interference immunity to magnetic fields Interference immunity to magnetic fields at 50 Hz Emission of conducted and non-conducted interference Interference emission via line/AC current cables Degree and class of protection IP (at the front) IP (rear) | ±1 kV acc. to IEC 61000-4-5, surge symmetric 100 A/m; to IEC 61000-4-8 EN 61000-6-3, EN 61000-6-4, CISPR 22 Class B, FCC Class A |
| asymmetric interference symmetric interference Interference immunity to magnetic fields Interference immunity to magnetic fields at 50 Hz Emission of conducted and non-conducted interference Interference emission via line/AC current cables Degree and class of protection IP (at the front) IP (rear) Standards, approvals, certificates | ±1 kV acc. to IEC 61000-4-5, surge symmetric 100 A/m; to IEC 61000-4-8 EN 61000-6-3, EN 61000-6-4, CISPR 22 Class B, FCC Class A IP65 IP20 |
| asymmetric interference symmetric interference Interference immunity to magnetic fields Interference immunity to magnetic fields at 50 Hz Emission of conducted and non-conducted interference Interference emission via line/AC current cables Degree and class of protection IP (at the front) IP (rear) Standards, approvals, certificates CE mark | ±1 kV acc. to IEC 61000-4-5, surge symmetric 100 A/m; to IEC 61000-4-8 EN 61000-6-3, EN 61000-6-4, CISPR 22 Class B, FCC Class A IP65 IP20 Yes |
| asymmetric interference symmetric interference Interference immunity to magnetic fields Interference immunity to magnetic fields at 50 Hz Emission of conducted and non-conducted interference Interference emission via line/AC current cables Degree and class of protection IP (at the front) IP (rear) Standards, approvals, certificates CE mark UL approval UL 508 cULus | ±1 kV acc. to IEC 61000-4-5, surge symmetric 100 A/m; to IEC 61000-4-8 EN 61000-6-3, EN 61000-6-4, CISPR 22 Class B, FCC Class A IP65 IP20 Yes Yes Yes Yes |
| asymmetric interference symmetric interference Interference immunity to magnetic fields Interference immunity to magnetic fields at 50 Hz Emission of conducted and non-conducted interference Interference emission via line/AC current cables Degree and class of protection IP (at the front) IP (rear) Standards, approvals, certificates CE mark UL approval UL 508 | ±1 kV acc. to IEC 61000-4-5, surge symmetric 100 A/m; to IEC 61000-4-8 EN 61000-6-3, EN 61000-6-4, CISPR 22 Class B, FCC Class A IP65 IP20 Yes Yes Yes |

| EMC CE, EN 61000-6-4:2007, EN 61000-6-2:2005 Ambient conditions Ambient temperature during operation • min. • max. 45 °C Ambient temperature during storage/transportation • min. • max. 45 °C Ambient temperature during storage/transportation • min. • max. 60 °C Relative humidity • Relative humidity • Relative humidity • Tested according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 °C vibrations • vibration resistance during operation acc. to IEC 60068-2-8 • Shock testing • Shock load during operation • Shock load during operation • Tested to DIN IEC 60068-2-29: 50 m/s² (5 g), 30 ms, 100 shocks Operating systems pre-installed operating system ves • Windows 7 Vindows 7 Visylimate 32 bit or 64 bit Ves; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Mounting cutout, width Mounting cutout, height Overall depth 112 mm | FCC | Yes | |
|---|---|--|--|
| Ambient conditions Ambient temperature during operation • min. | | | |
| • min. • max. 45 °C Ambient temperature during storage/transportation • min. • amax. • 60 °C Relative humidity • Relative humidity • Relative humidity • Vibrations • Vibration resistance during operation acc. to IEC 60068-2.6 • Vibrations • Vibration resistance during operation acc. to IEC 60068-2.6 Shock testing • Shock load during operation • Shock load during operation • Tested to DIN IEC 60068-2.6: 10 Hz to 58 Hz: 0.075 mm; 58 Hz 500 Hz 9.8 m/s² (1 g) • Shock load during operation • Tested to DIN IEC 60068-2.29: 50 m/s² (5 g), 30 ms, 100 shocks Operating systems • Windows 7 Ultimate, 32-bit/64-bit, MUI; Windows Embedded Standard 7 F bit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI without operating system • Windows 7 • Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Mounting cutout, width 396 mm Mounting cutout, height 291 mm Overall depth 112 mm | | -, | |
| • min. • max. 45 °C Ambient temperature during storage/transportation • min. • amax. • 60 °C Relative humidity • Relative humidity • Relative humidity • Vibrations • Vibration resistance during operation acc. to IEC 60068-2.6 • Vibrations • Vibration resistance during operation acc. to IEC 60068-2.6 Shock testing • Shock load during operation • Shock load during operation • Tested to DIN IEC 60068-2.6: 10 Hz to 58 Hz: 0.075 mm; 58 Hz 500 Hz 9.8 m/s² (1 g) • Shock load during operation • Tested to DIN IEC 60068-2.29: 50 m/s² (5 g), 30 ms, 100 shocks Operating systems • Windows 7 Ultimate, 32-bit/64-bit, MUI; Windows Embedded Standard 7 F bit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI without operating system • Windows 7 • Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Mounting cutout, width 396 mm Mounting cutout, height 291 mm Overall depth 112 mm | Ambient temperature during operation | | |
| Ambient temperature during storage/transportation • min. • max. 60 °C Relative humidity • Relative humidity • Relative humidity • Relative humidity • Tested according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 °C condensation) Vibrations • Vibration resistance during operation acc. to IEC 60068-2-6: 10 Hz to 58 Hz: 0.075 mm; 58 Hz 500 Hz 9.8 m/s² (1 g) Shock testing • Shock load during operation Tested to DIN IEC 60068-2-29: 50 m/s² (5 g), 30 ms, 100 shocks Operating systems pre-installed operating system Windows 7 Ultimate, 32-bit/64-bit, MUI; Windows Embedded Standard 7 Fbit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI without operating system • Windows 7 Yes; Ultimate 32 bit or 64 bit • Windows 10 Enterprise SIMATIC Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front 415 mm Mounting cutout, width 396 mm Mounting cutout, width 400 mild package with Simatic Wincc or WinAC RTX Dimensions Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front 415 mm Mounting cutout, width 396 mm Mounting cutout, height Overall depth | | 5 °C | |
| min. max. 60 °C Relative humidity Relative humidity Tested according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 °C condensation) Vibrations Vibration resistance during operation acc. to IEC 60068-2-6. blook testing Shock testing Shock load during operation Tested to DIN IEC 60068-2-6: 10 Hz to 58 Hz: 0.075 mm; 58 Hz 500 Hz 9.8 m/s² (1 g) Shock load during operation Tested to DIN IEC 60068-2-29: 50 m/s² (5 g), 30 ms, 100 shocks Operating systems Pre-installed operating system Windows 7 Ultimate, 32-bit/64-bit, MUI; Windows Embedded Standard 7 Fbit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI without operating system Windows 7 Yes; Ultimate 32 bit or 64 bit Windows 10 Enterprise SiMATIC Software SiMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Mounting cutout, width 396 mm Mounting cutout, width Mounting cutout, height 291 mm Overall depth 112 mm | • max. | 45 °C | |
| max. 60 °C Relative humidity Relative humidity Tested according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 °C condensation) Vibrations Vibration resistance during operation acc. to IEC 60068-2-6 Shock testing Nonck load during operation Shock load during operation Tested to DIN IEC 60068-2-6: 10 Hz to 58 Hz: 0.075 mm; 58 Hz 500 Hz 9.8 m/s² (1 g) Shock load during operation Tested to DIN IEC 60068-2-29: 50 m/s² (5 g), 30 ms, 100 shocks Operating systems pre-installed operating system Windows 7 Ultimate, 32-bit/64-bit, MUI; Windows Embedded Standard 7 F bit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI without operating system Yes pre-installed operating system Yes; Ultimate 32 bit or 64 bit Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Mounting cutout, width 396 mm Mounting cutout, width 396 mm Mounting cutout, height Overall depth | Ambient temperature during storage/transportation | | |
| Relative humidity Relative humidity Relative humidity Tested according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 °C condensation) Vibrations Vibration resistance during operation acc. to IEC 60068-2-6 Shock testing Shock load during operation Tested to DIN IEC 60068-2-6: 10 Hz to 58 Hz: 0.075 mm; 58 Hz 500 Hz 9.8 m/s² (1 g) Windows 7 Ultimate, 32-bit/64-bit, MUI; Windows Embedded Standard 7 F bit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Without operating system Yes pre-installed operating system Yes pre-installed operating system Yes Ves; Ultimate 32 bit or 64 bit Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Mounting cutout, width 396 mm Mounting cutout, height Overall depth 112 mm | • min. | -20 °C | |
| Relative humidity Tested according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 °C condensation) Vibrations Vibration resistance during operation acc. to IEC 60068-2-6 Shock testing Shock load during operation Tested to DIN IEC 60068-2-29: 50 m/s² (5 g), 30 ms, 100 shocks Operating systems pre-installed operating system Pre-installed operating system Windows 7 Ultimate, 32-bit/64-bit, MUI; Windows Embedded Standard 7 Fit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Without operating system Windows 7 Yes; Ultimate 32 bit or 64 bit Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Mounting cutout, width 396 mm Mounting cutout, height Overall depth 112 mm | • max. | 60 °C | |
| Vibrations • Vibration resistance during operation acc. to IEC 60068-2-6 2-6 Shock testing • Shock load during operation • Shock load during operation Tested to DIN IEC 60068-2-29: 50 m/s² (5 g), 30 ms, 100 shocks Operating systems pre-installed operating system pre-installed operating system without operating system • Windows 7 Ultimate, 32-bit/64-bit, MUI; Windows Embedded Standard 7 Fit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI without operating system • Windows 7 • Windows 10 Enterprise • Windows 7 • Windows 10 Enterprise SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Mounting cutout, width 396 mm Mounting cutout, height Overall depth 112 mm | Relative humidity | | |
| Vibration resistance during operation acc. to IEC 60068-2-6 2-6 tested according to DIN IEC 60068-2-6: 10 Hz to 58 Hz: 0.075 mm; 58 Hz 500 Hz 9.8 m/s² (1 g) Shock testing Shock load during operation Tested to DIN IEC 60068-2-29: 50 m/s² (5 g), 30 ms, 100 shocks Operating systems pre-installed operating system Windows 7 Ultimate, 32-bit/64-bit, MUI; Windows Embedded Standard 7 F bit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI without operating system Yes pre-installed operating system Windows 7 Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front 415 mm Height of housing front 310 mm Mounting cutout, width 396 mm Mounting cutout, height Overall depth 112 mm | Relative humidity | Tested according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 $^{\circ}\text{C}$ (no condensation) | |
| 2-6 | Vibrations | | |
| ● Shock load during operation Tested to DIN IEC 60068-2-29: 50 m/s² (5 g), 30 ms, 100 shocks Operating systems pre-installed operating system Windows 7 Ultimate, 32-bit/64-bit, MUI; Windows Embedded Standard 7 F bit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI without operating system ● Windows 7 ● Windows 7 ● Windows 10 Enterprise SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth Tested to DIN IEC 60068-2-29: 50 m/s² (5 g), 30 ms, 100 shocks Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Yes; Ultimate 32 bit or 64 bit Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front 310 mm Mounting cutout, width 396 mm Mounting cutout, height Overall depth | | tested according to DIN IEC 60068-2-6: 10 Hz to 58 Hz: 0.075 mm; 58 Hz to 500 Hz 9.8 m/s² (1 g) | |
| pre-installed operating system pre-installed operating system without operating system Pre-installed operating system without operating system Pre-installed operating system Windows 7 Windows 7 Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Yes pre-installed operating system Windows 7 Yes; Ultimate 32 bit or 64 bit Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Height of housing front Mounting cutout, width 396 mm Mounting cutout, height Overall depth 112 mm | Shock testing | | |
| pre-installed operating system Windows 7 Ultimate, 32-bit/64-bit, MUI; Windows Embedded Standard 7 Fbit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI without operating system Yes pre-installed operating system Windows 7 Windows 7 Windows 10 Enterprise Yes; Ultimate 32 bit or 64 bit Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front 415 mm Height of housing front 310 mm Mounting cutout, width 396 mm Mounting cutout, height Overall depth 112 mm | Shock load during operation | Tested to DIN IEC 60068-2-29: 50 m/s² (5 g), 30 ms, 100 shocks | |
| bit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Without operating system Pre-installed operating system Windows 7 Windows 10 Enterprise Yes; Ultimate 32 bit or 64 bit Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Height of housing front Mounting cutout, width 396 mm Mounting cutout, height Overall depth 112 mm | Operating systems | | |
| pre-installed operating system • Windows 7 • Windows 10 Enterprise SIMATIC Software SIMATIC Software Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth Yes; Ultimate 32 bit or 64 bit Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software Optional package with SIMATIC WinCC or WinAC RTX ### A 15 mm ### A 15 mm ### A 15 mm Mounting cutout, width ### A 291 mm Overall depth 112 mm | pre-installed operating system | Windows 7 Ultimate, 32-bit/64-bit, MUI; Windows Embedded Standard 7 P, 32-bit, MUI; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI | |
| ● Windows 7 ● Windows 10 Enterprise Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth Yes; Ultimate 32 bit or 64 bit Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software Optional package with SIMATIC WinCC or WinAC RTX ### 15 mm 415 mm 415 mm Mounting cutout, width 396 mm Mounting cutout, height 112 mm | without operating system | Yes | |
| ● Windows 10 Enterprise Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI Software Optional package with SIMATIC WinCC or WinAC RTX ### 15 mm 415 mm 415 mm Mounting cutout, width ### 396 mm Mounting cutout, height Overall depth 112 mm | pre-installed operating system | | |
| Software SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth Optional package with SIMATIC WinCC or WinAC RTX 415 mm 415 mm 415 mm 291 mm 112 mm | • Windows 7 | Yes; Ultimate 32 bit or 64 bit | |
| SIMATIC Software Optional package with SIMATIC WinCC or WinAC RTX Dimensions Width of the housing front 415 mm Height of housing front 310 mm Mounting cutout, width 396 mm Mounting cutout, height 291 mm Overall depth 112 mm | Windows 10 Enterprise | Yes; Windows 10 Enterprise 2015 or 2016 LTSB, 64-bit, MUI | |
| DimensionsWidth of the housing front415 mmHeight of housing front310 mmMounting cutout, width396 mmMounting cutout, height291 mmOverall depth112 mm | Software | | |
| Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth 415 mm 310 mm 396 mm 291 mm 112 mm | SIMATIC Software | Optional package with SIMATIC WinCC or WinAC RTX | |
| Height of housing front 310 mm Mounting cutout, width 396 mm Mounting cutout, height 291 mm Overall depth 112 mm | Dimensions | | |
| Mounting cutout, width 396 mm Mounting cutout, height 291 mm Overall depth 112 mm | Width of the housing front | 415 mm | |
| Mounting cutout, height 291 mm Overall depth 112 mm | Height of housing front | 310 mm | |
| Overall depth 112 mm | Mounting cutout, width | 396 mm | |
| · | Mounting cutout, height | 291 mm | |
| additional mounting depth (ontical drive) | Overall depth | 112 mm | |
| additional modificing depth (optical drive) | additional mounting depth (optical drive) | 26 mm | |
| Weights | Weights | | |
| Weight, approx. 12 kg | Weight, approx. | 12 kg | |

last modified:

6/25/2021