SIEMENS

Data sheet 6AV7241-7LH04-0FA1

| General information | | |
|--|--|--|
| Product type designation | IPC477E | |
| Display | | |
| Design of display | 22" TFT multi-touch | |
| Screen diagonal | 21.5 in | |
| Resolution (pixels) | | |
| Horizontal image resolution | 1 920 pixel | |
| Vertical image resolution | 1 080 pixel | |
| Backlighting | | |
| MTBF backlighting (at 25 °C) | 30 000 h | |
| Control elements | | |
| Input device | | |
| Mouse, at front | No | |
| Keyboard fonts | | |
| Function keys | No | |
| alphanumeric keyboard | No | |
| Touch operation | | |
| Design as multi-touch screen | Yes; Projective-capacitive | |
| Installation type/mounting | | |
| Mounting | For horizontal and vertical mounting | |
| Design | Panel PC, built-in unit | |
| central design | Yes | |
| distributed design | No | |
| Mounting in portrait format possible | Yes | |
| Supply voltage | | |
| Type of supply voltage | 100/240 V AC (autorange) 50/60 Hz; optional 24 V DC | |
| Line frequency | | |
| Rated value 50 Hz | Yes | |
| Rated value 60 Hz | Yes | |
| Mains buffering | | |
| Mains/voltage failure stored energy time | 20 ms | |
| Power loss | | |
| In full configuration | 24 V DC: max. 88 W, 110 230 V AC | |
| Processor | | |
| Processor type | Celeron G3902 (2C/2T, 1.6 GHz, 2 MB Cache); Core i3-6102E (2C/4T, 1.9 GHz, 3 MB Cache); Core i5-6442EQ (4C/4T, 1.9 (2.7) GHz, 6 MB Cache, iAMT); Xeon E3-1505L v5 (4C/8T, 2.0 (2.8) GHz, 8 MB Cache, iAMT) | |
| Chipset | Intel C236 / Intel H110 | |
| Graphic | | |
| Graphics controller | Intel HD graphics controller | |
| Drives | | |
| Hard disk | 2.5" SATA ≥ 320 GB | |
| SSD | Yes; 128 / 240 / 480 GB | |
| Memory | | |
| Type of memory | DDR4-2400 SO-DIMM | |
| Main memory | 4 / 8 / 16 GB, ECC optional | |
| Capacity of main memory, max. | 16 Gbyte | |
| | | |

| 512 khyta: 128 KB can be stored in the huffer time: entired |
|---|
| 512 kbyte; 128 KB can be stored in the buffer time; optional |
| |
| 4 POL (11 31 |
| 1x PCIe (slot with card retainer), 1x slot for CFAST card |
| 1; Optional |
| 1; CFast |
| 0.0.54 |
| 3; 3x Ethernet (RJ45) |
| 4x USB 3.0 USB / USB |
| |
| Without / 2x COM (RS 232 / 422 / 485), selectable in the BIOS |
| 2x DisplayPort |
| ZX Displayi Oit |
| 3x Ethernet (RJ45) |
| Yes |
| Yes |
| 165 |
| Yes |
| 100 |
| |
| Yes |
| Yes |
| No |
| Optional |
| Ориона |
| |
| ±6 kV contact discharge acc. to IEC 61000-4-2; ±8 kV air discharge acc. to IEC |
| 61000-4-2 |
| ds |
| 10 V/m, 80 2 000 MHz, 80 % AM acc. to IEC 61000-4-3; 3 V/m, 2 2.7 GHz; 10 V, 10 kHz 80 MHz acc. to IEC 61000-4-6 |
| |
| ±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 61000-4-5, surge, length > 30 m |
| \pm 1 kV acc. to IEC 61000-4-4; burst; length < 3 m; \pm 2 kV acc. to IEC 61000-4-4; burst; length > 3 m |
| |
| ±2 kV acc. to IEC 61000-4-5, surge asymmetric |
| ±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 |
| Voc |
| Yes |
| Yes |
| |
| Yes |
| |

| ELECE X Zone 2 Yes: Optional, only with Multitouch | ATEX Zone 2 | Yes; Optional, only with Multitouch |
|---|---|---|
| Germanischer Lloyd (GL) Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Nes Lloyds Register of Shipping (KRS) Nipon Kaij Kyokai (Class NK) Ambient conditions Ambient temperature during operation min. o"C max. 45 °C Ambient temperature during storage/transportation min. o"C max. 60 °C Ambient temperature during storage/transportation min. o"C 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 (no condensation) Vibrations Vibrations Vibration resistance during operation acc. to IEC 60068- Shock testing Shock load during operation IEC 60068-2-7; 150 m/s², 11 ms (without hard disk): 50 m/s², 30 ms (with hard disk) Pre-installed operating system pre-installed operating system Pre-installed operating system Vis; Optomal Pre-installed operating system Ves; Optional Pre-installed operating system Ves; Vilimatoe 4b bit Ves; Vilimatoe 10 Enterprise 2016 LTSB, 64 bit, MUI Software Optionally with pre-installed SiMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, Width Mounting cutout, Width Mounting cutout, Width Mounting cutout, Height Overall depth | • IECEx Zone 2 | Yes; Optional, only with Multitouch |
| Germanischer Lloyd (GL) American Bureau of Shipping (ABS) American Bureau of Shipping (ABS) Bureau Vertias (BV) Det Norske Veritas (DNV) Korean Register of Shipping (LRS) Lloyds Register of Shipping (LRS) Nippon Kalji Kyokal (Class NK) Ambient temperature during operation min. min. min. min. min. min. min. mi | • cULus Class I Zone 2, Division 2 | Yes; Optional, only with Multitouch |
| American Bureau of Shipping (ABS) Bureau Veritas (BV) Yes Det Norse Veritas (DNY) Korean Register of Shipping (KRS) Licyds Register of Shipping (KRS) Nippon Kagli Kycka (Class NK) Nippon Kagli Kycka (Class NK) Nes Nippon Kagli Kycka (Class NK) Ambient temperature during operation min. o "C Ambient temperature during storage/transportation min. max. 45 °C Ambient temperature during storage/transportation min. max. 60 °C Relative humidity Relative humidity humidi | Marine approval | |
| Bureau Veritas (BV) Det Norske Veritas (DNV) Det Norske Veritas (DNV) Ves Dot Norske Veritas (DNV) Norske Veritas (DNV) Ves Lloyds Register of Shipping (LRS) Lloyds Register of Shipping (LRS) Lloyds Register of Shipping (LRS) Nippon Kaji Kyokal (Class NK) Ambient conditions Ambient temperature during operation min. max. Afs "C Ambient temperature during storage/transportation min. max. Afs "C Relative humidity Relative humidity Relative humidity Relative humidity Relative humidity IEC 60068-2-65. Ftz to 9 Hz: 3.5 mm; 9 Hz: 0.500 Hz: 9.8 m/s² (with SSD or CFast), 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (with SSD or CFast), 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (with SSD or CFast), 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (with hard disk) Operating systems Pre-installed operating system Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Versillosof Verification (Multi-Language) 84-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Versillosof Verification (Multi-Language) 84-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Versillosof Verification (Multi-Language) 84-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Versillosof Verification (Multi-Language) 84-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Versillosof Verification (Multi-Language) 84-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Versillosof Verification (Multi-Language) 84-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Versillosof Verification (Multi-Language) 84-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Versillosof Verification (Multi-Language) 84-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Versillosof Verification (Multi-Language) 84-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Versillosof Verification (Multi-Language) 84-bit, Windows 10 Versillosof Verification (Mul | Germanischer Lloyd (GL) | Yes |
| Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyoka (Class NK) Yes Nippon Kaiji Kyoka (Class NK) Yes Ambient temperature during operation min. min. min. min. min. min. min. min | American Bureau of Shipping (ABS) | Yes |
| Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kajij Kyokai (Class NK) Ambient conditions Ambient temperature during operation min. min. max. 45 °C Ambient temperature during storage/transportation min. ana. 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 (no condensation) Vibrations Vibrations Vibration resistance during operation acc. to IEC 60068-2-6: 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 4.9 m/s² (with SSD or CFast); 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (hard disk) Shock testing Shock load during operation EC 60068-2-27; 150 m/s², 11 ms (without hard disk); 50 m/s², 30 ms (with hard disk) Operating systems pre-installed operating system Windows 7 Uttimate (Multi-Language) 64-bit, Windows Embedded Standard 7 Ejr 32-bit / 64-bit, Windows 10 version operating system Ves; Uttimate 64 bit Ves; Windows 10 Enterprise Shockware SIMATIC Software Optionally with pre-installed SiMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Mounting cutout, width Weights | Bureau Veritas (BV) | Yes |
| Lloyds Register of Shipping (LRS) Nippon Kaji Kyokai (Class NK) Yes 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 Relative humidity Tested according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 ° C (no condensation) Vibrations Vibrations Vibration resistance during operation acc. to IEC 60068-2-6: 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 9.8 m/s² (with SSD or CFsst); 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (hard disk) Shock testing Shock load during operation Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Embedded Standard 7 Yes; Optional pre-installed operating system Windows 7 Yes; Ultimate 64 bit Windows 7 Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Height | Det Norske Veritas (DNV) | Yes |
| Nippon Kaiji Kyokai (Class NK) Ambient temperature during operation • min. • max. 45 °C Ambient temperature during storage/transportation • min. • max. 50 °C Relative humidity • Relative humidity • Relative humidity • Vibration resistance during operation acc. to IEC 60068-2-6; 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 9.8 m/s² (with SSD or CFast); 10 Hz to 558 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (hard disk) Shock leating • Shock load during operation • Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Enterprise • Windows 7 Yes; Ultimate 64 bit • Windows 7 Yes; Windows 10 Enterprise • Windows 10 Enterprise • Windows 10 Enterprise • Windows 10 Enterprise • Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Suppose the s | Korean Register of Shipping (KRS) | Yes |
| Ambient conditions Ambient memerature during operation • min. | Lloyds Register of Shipping (LRS) | Yes |
| Ambient temperature during operation • min. • max. 45 °C Ambient temperature during storage/transportation • min. • max. 60 °C Relative humidity • Wibration resistance during operation acc. to IEC 60068-2-6 Shock testing • Nock load during operation IEC 60068-2-6; 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 9.8 m/s² (with SSD or CFast); 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (hard disk) Operating systems Fer-installed operating system Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/P 32-bit / 64-bit, Windows 10 without operating system • Windows 7 Yes; Optional pre-installed operating system • Windows 10 Enterprise SimATIC Software Optionally with pre-installed SiMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front 40 or C 510 mm Mounting cutout, width 513 mm Mounting cutout, height Versi Marker Advanced (All of the Mouling cutout, height) Wolghts | Nippon Kaiji Kyokai (Class NK) | Yes |
| min. max. min. max. max. max. max. max. elative humidity elative humidity humid hard on huming humid hard on huming humid hard humid hard hard hard hard hard hard hard har | Ambient conditions | |
| Max. | Ambient temperature during operation | |
| Ambient temperature during storage/transportation • min. • max. 60 °C Relative humidity • Relative humidity • Relative humidity • Relative humidity • Vibration resistance during operation acc. to IEC 60068-2 2-6 Shock testing • Shock load during operation IEC 60068-2-27; 150 m/s², 11 ms (without hard disk); 50 m/s², 30 ms (with hard disk) Derating systems | • min. | 0 °C |
| • min. • max. 60 °C Relative humidity • 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 (no condensation) Vibrations • Vibration resistance during operation acc. to IEC 60068-2-6; 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 9.8 m/s² (with SSD or CFast); 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (hard disk) Shock testing • Shock load during operation IEC 60068-2-27; 150 m/s², 11 ms (without hard disk); 50 m/s², 30 ms (with hard disk) Operating systems pre-installed operating system • Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/P 32-bit / 64-bit, Windows 10 pre-installed operating system • Windows 10 Enterprise • Windows 10 Enterprise 2016 LTSB, 64 bit, MUI Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front 529 mm Height of housing front Mounting cutout, width 513 mm Overall depth 76 mm Weights | • max. | 45 °C |
| Max. Final Relative humidity | 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 (no condensation) Vibrations Vibration resistance during operation acc. to IEC 60068-2-6; 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 9.8 m/s² (with SSD or CFast); 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (hard disk) Shock load during operation IEC 60068-2-27; 150 m/s², 11 ms (without hard disk); 50 m/s², 30 ms (with hard disk) Operating systems pre-installed operating system Yes; Optional pre-installed operating system Ves; Ultimate 64 bit Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth 76 mm Weights | • min. | -20 °C |
| Relative humidity Tested according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 °C (no condensation) Vibrations Vibration resistance during operation acc. to IEC 60068-2-6; 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 9.8 m/s² (with SSD or CFast); 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (hard disk) Shock testing Shock load during operation IEC 60068-2-27; 150 m/s², 11 ms (without hard disk); 50 m/s², 30 ms (with hard disk) Per-installed operating system Pre-installed operating system Yes; Optional pre-installed operating system Windows 7 Yes; Ultimate 64 bit Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth 76 mm Weights | • max. | 60 °C |
| Vibrations Vibration resistance during operation acc. to IEC 60068-2-6; 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 9.8 m/s² (with SSD or CFast); 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (hard disk) Shock testing Shock load during operation IEC 60068-2-27; 150 m/s², 11 ms (without hard disk); 50 m/s², 30 ms (with hard disk) Operating systems pre-installed operating system Yes; Optional pre-installed operating system Ves; Optional pre-installed operating system Ves; Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/P 32-bit / 64-bit, Windows 10 Ves; Optional Pre-installed operating system Ves; Ultimate 64 bit Yes; Windows 7 Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Mounting cutout, width 513 mm Mounting cutout, width 513 mm Overall depth Vesights | Relative humidity | |
| Vibration resistance during operation acc. to IEC 60068- 2-6 IEC 60068-2-6; 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 9.8 m/s² (with SSD or CFast); 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (hard disk) Shock testing Shock load during operation IEC 60068-2-27; 150 m/s², 11 ms (without hard disk); 50 m/s², 30 ms (with hard disk) Operating systems pre-installed operating system Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/P 32-bit / 64-bit, Windows 10 without operating system • Windows 7 • Windows 7 • Windows 10 Enterprise SIMATIC Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Mounting cutout, width 513 mm Mounting cutout, height Overall depth Weights | Relative humidity | · · · · · · · · · · · · · · · · · · · |
| CFast); 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (hard disk) Shock testing Shock load during operation EC 60068-2-27; 150 m/s², 11 ms (without hard disk); 50 m/s², 30 ms (with hard disk) Operating systems pre-installed operating system Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/P 32-bit / 64-bit, Windows 10 Without operating system Pre-installed operating system Windows 7 Windows 7 Windows 10 Enterprise SIMATIC Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Mounting cutout, width 513 mm Mounting cutout, height Overall depth Weights | Vibrations | |
| ● Shock load during operation IEC 60068-2-27; 150 m/s², 11 ms (without hard disk); 50 m/s², 30 ms (with hard disk) Operating systems pre-installed operating system Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/P 32-bit / 64-bit, Windows 10 Without operating system ● Windows 7 ● Windows 7 ● Windows 10 Enterprise SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth 76 mm Weights | | |
| Derating systems Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/P 32-bit / 64-bit, Windows 10 Yes; Optional | Shock testing | |
| pre-installed operating system Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/P 32-bit / 64-bit, Windows 10 without operating system Pre-installed operating system Windows 7 Yes; Optional Pre-installed operating system Windows 7 Yes; Ultimate 64 bit Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Height of housing front Mounting cutout, width 513 mm Mounting cutout, height Overall depth 76 mm Weights | Shock load during operation | |
| E/P 32-bit / 64-bit, Windows 10 without operating system Pre-installed operating system Windows 7 Windows 10 Enterprise SIMATIC Software SIMATIC Software Dimensions Width of the housing front Height of housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth Oyer (Ambur) E/P 32-bit / 64-bit, Windows 10 Yes; Optionall Yes; Ultimate 64 bit Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI Software Controller CPU 1500S software bundle Dimensions Width of the housing front 1529 mm Height of housing front 331 mm Mounting cutout, width 1513 mm Mounting cutout, height 76 mm Weights | Operating systems | |
| pre-installed operating system ● Windows 7 ● Windows 10 Enterprise SIMATIC Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth 76 mm Yes; Ultimate 64 bit Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI Software Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI Software Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software bundle Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Software SIMATIC Software Software Software Sof | pre-installed operating system | |
| ● Windows 7 ● Windows 10 Enterprise Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth To mm Weights | without operating system | Yes; Optional |
| ● Windows 10 Enterprise Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front 529 mm Height of housing front 331 mm Mounting cutout, width 513 mm Mounting cutout, height 315 mm Overall depth 76 mm Weights | pre-installed operating system | |
| Software SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front Height of housing front Mounting cutout, width 513 mm Mounting cutout, height Overall depth 76 mm Weights | Windows 7 | Yes; Ultimate 64 bit |
| SIMATIC Software Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle Dimensions Width of the housing front 529 mm Height of housing front 331 mm Mounting cutout, width 513 mm Mounting cutout, height 315 mm Overall depth 76 mm Weights | Windows 10 Enterprise | Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI |
| Controller CPU 1500S software bundle Dimensions Width of the housing front 529 mm Height of housing front 331 mm Mounting cutout, width 513 mm Mounting cutout, height 315 mm Overall depth 76 mm Weights | Software | |
| Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth Weights | SIMATIC Software | |
| Height of housing front Mounting cutout, width 513 mm Mounting cutout, height 3315 mm Overall depth 76 mm Weights | Dimensions | |
| Mounting cutout, width 513 mm Mounting cutout, height 315 mm Overall depth 76 mm Weights | Width of the housing front | 529 mm |
| Mounting cutout, height 315 mm Overall depth 76 mm Weights | Height of housing front | 331 mm |
| Overall depth 76 mm Weights | Mounting cutout, width | 513 mm |
| Weights | Mounting cutout, height | 315 mm |
| | Overall depth | 76 mm |
| Weight, approx. 7.9 kg | Weights | |
| | Weight, approx. | 7.9 kg |

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