## **SIEMENS**

## **Data sheet**

## 6AV7241-5LB04-0GA2

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
<ul> <li>Vertical image resolution</li> </ul>	1 080 pixel
Backlighting	
<ul> <li>MTBF backlighting (at 25 °C)</li> </ul>	30 000 h
Control elements	
Input device	
Mouse, at front	No
Keyboard fonts	
<ul> <li>Function keys</li> </ul>	No
alphanumeric keyboard	No
Touch operation	
<ul> <li>Design as multi-touch screen</li> </ul>	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
Optional
±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

** IECE X Zone 2  ** CULus Class I Zone 2, Division 2  ** Cultus Class I Zone 2, Division 2  ** Ves, Optional, only with Multitouch  ** American Bureau of Shipping (ABS)  ** American Bureau of Shipping (ABS)  ** Element Vertias (EV)  ** Del Norske Veritas (DNV)  ** Element Vertias (DNV)  ** Element Vertias (DNV)  ** Element Vertias (DNV)  ** Nippon Kaji Kyokai (Class NK)  ** Ves  ** Uloyds Register of Shipping (IRS)  ** Nippon Kaji Kyokai (Class NK)  ** Ambient temperature during operation  ** min.  ** Relative humidity  ** Relative	ATEX Zone 2	Yes; Optional, only with Multitouch
- CLLus Class I Zone 2, Division 2  Marine approval  - Germanischer Lloyd (GL)  - American Bureau of Shipping (ABS)  - Bureau Verltas (BV)  - CR Norske Verltas (DNV)  - Korean Register of Shipping (RRS)  - Divis Register of Shipping (RRS)  - Nippon Kaiji Kyokai (Class NK)  - Nippon Kaiji Kyokai (Class NK)  - Nippon Kaiji Kyokai (Class NK)  - Marine temperature during operation  - min.  - max.  - Abient temperature during storage/transportation  - min.  - max.  - Relative humidity  - Version resistance during operation acc. to IEC 80088-  - CR Shook teasting  - Shook toad during operation  - Shook toad during operation  - Shook toad during operation  - Windows 7  - Windows 7   Windows 7   Versional Control of CR South Control of CR South Control of CR South CR Sou		
Germanischer Lloyd (GL) Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Det Norske Veritas (DNV) Ves Lloyds Register of Shipping (KRS) Nyes Lloyds Register of Shipping (KRS) Nyes Nippon Kaiji Kyokai (Class NK) Ves Nippon Kaiji Kyokai (Class NK)  Ambient conditions Ambient temperature during operation min. O'C max. 45 °C Ambient temperature during storage/transportation min. 20 °C Relative humidity Relati		
Germanischer Lloyd (GL) American Bureau of Shipping (ABS) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Pes Nippon Kalji Kyokai (Class NK)  Ambient temperature during operation  min. 0 °C max. 45 °C  Ambient temperature during storage/transportation  min. 20 °C 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 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)  Shook testing  Pre-installed operating system  pre-installed operating system  Without operating system  Windows 7  Ves; Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/F 32-bit / 64-bit, Windows 10 Enterprise  Windows 7  Ves; Ultimate 64 bit Pes; Windows 10 Enterprise  Shartic Software  Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle  Dimensions  Width of the housing front Height of hous		166, Optional, only with manacodon
American Bureau of Shipping (ABS)     Bureau Veritas (BV)     Ves     Det Norse Veritas (DNY)     Korean Register of Shipping (KRS)     Licyds Register of Shipping (KRS)     Nippon Kagii Kyokai (Class NK)     Ves     Nippon Kagii Kyokai (Class NK)     Ves     Nippon Kagii Kyokai (Class NK)  Ambient conditions  Ambient temperature during operation     min.     o ° C  Ambient temperature during storage/transportation     min.     max.     45 ° C  Ambient temperature during storage/transportation     min.     emax.     60 ° C  Relative humidity     Relative humidity humidi	• •	Ves
Bureau Veritas (BV) Det Norske Veritas (DNV) Pes Det Norske Veritas (DNV) Norske Veritas (DN		
Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyoka (Class NK) Yes  Ambient conditions  Ambient temperature during operation min. min. min. min. min. min. min. min		
Korean Register of Shipping (KRS)     Lloyds Register of Shipping (LRS)     Nepon Kajir Kyokai (Class NK)     Nepon Kajir Kyokai (Class NK)  Ambient conditions  Ambient conditions  Ambient temperature during operation     • min.     • min.     • max.     45 °C  Ambient temperature during storage/transportation     • min.     • max.     • 60 °C  Relative humidity     • Relative humidity     • Relative humidity     • Relative humidity     • Vibration resistance during operation acc. to IEC 60068-2-6. 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 9.8 m/s² (with SSD or Cast); 10 Hz to 58 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (hard disk)  Shock load during operation     • Shock load during operation     • Shock load during system     • Shock load during system     • Windows 7 Windows 10 Enterprise  Windows 7 Yes; Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 Ejf' 32-bit / 64-bit, Windows 10 Enterprise 2016 LTSB, 64 bit, MUl  Software  SIMATIC Software  Width of the housing front     • Sig mm     • Mounting cutout, width     • Sig mm     • Sig mm     • Sig mm     • Mounting cutout, width     • Sig mm     • Mounting cutout, width     • Sig mm	• •	
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 thumidity  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  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  Pre-installed operating system  Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/F/32-bit / 64-bit, Windows 10  without operating system  Ves; Optional  pre-installed operating system  Ves; Optional  pre-installed operating system  Ves; 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  Height of housing front  Height of housing front  Mounting cutout, width  Mounting cutout, height  Vesights	, ,	
Nippon Kalji Kyokai (Class NK)  Ambient temperature during operation  min. max. Afs "C  Ambient temperature during storage/transportation  min. max. Afs "C  Ambient temperature during storage/transportation  min. max. Bo "C  Relative humidity Relative humidity Tested according to IEC 60068-2-76, 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 55 Hz: 0.0375 mm; 58 Hz to 200 Hz: 4.9 m/s² (thard disk)  Shock leating Shock leating Shock leating Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 EiP 32-bit / 64-bit, Windows 10  Without operating system  Windows 7 Ves; Ultimate 64-bit Windows 7 Yes; Ultimate 64-bit 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 Height of housing front Height of housing front Height of housing front Height of housing front Mounting cutout, width Mounting cutout, height Wigights		
Ambient conditions  Ambient memerature during operation  min. 0 °C  max. 45 °C  Ambient temperature during storage/transportation  min. 20 °C  max. 60 °C  Relative humidity  Relative humidity here housing end humidity humi		
Ambient temperature during operation  • min.  • max.  45 °C  Ambient temperature during storage/transportation  • max.  45 °C  Ambient temperature during storage/transportation  • min.  • max.  60 °C  Relative humidity  • Relative humidity  • Relative humidity  • Nibration resistance during operation acc. to IEC 60068-2-6  Shock testing  • Shock 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 Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/P 32-bit / 64-bit, Windows 10  Windows 7 Yes; Optional  pre-installed operating system  • Windows 10 Enterprise  Sitemate 46 bit  • Windows 10 Enterprise  Sitemate 529 mm  Height of housing front  Sitemate 64 bit  Site		165
min.		
• max.     Ambient temperature during storage/transportation     • min.     • amax.     60 °C  Relative humidity     • Condensation)  Vibrations     • Vibration resistance during operation acc. to IEC 60068- 2-6     • CFast); 10 Hz to 58 Hz: 0.0375 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     Ves: Optional pre-installed operating system     • Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7     E/P 32-bit (64-bit, Windows 10     Ves; Ultimate 64 bit     • 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     Height of housing front     Mounting cutout, width     Mounting cutout, height     Overall depth     Weights		0.00
Ambient temperature during storage/transportation  imin. imax. imax. 60 °C  Relative humidity Relative humidity Relative humidity Relative humidity Relative nesistance 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 Relative operating system Pre-Installed operating system 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 Ves; Optional Pre-Installed operating system Ves; Optional Pre-Installed operating system Ves; Windows 10 Enterprise Ves; 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, width Mounting cutout, elight Overall depth Voights		
<ul> <li>• min.</li> <li>• max.</li> <li>60 °C</li> <li>Relative humidity</li> <li>• Relative humidity</li> <li>• State according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 °C (no condensation)</li> <li>Vibrations</li> <li>• 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)</li> <li>Shock testing</li> <li>• Shock load during operation</li> <li>IEC 60068-2-27; 150 m/s², 11 ms (without hard disk); 50 m/s², 30 ms (with hard disk)</li> <li>Operating systems</li> <li>pre-installed operating system</li> <li>• Windows 7 Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/P 32-bit / 64-bit, Windows 10</li> <li>pre-installed operating system</li> <li>• Windows 10 Enterprise</li> <li>• Windows 10 Enterprise 2016 LTSB, 64 bit, MUI</li> <li>Software</li> <li>SIMATIC Software</li> <li>Optionally with pre-installed SIMATIC WinCC RT Advanced / Software Controller CPU 1500S software bundle</li> <li>Dimensions</li> <li>Width of the housing front</li> <li>Mounting cutout, width</li> <li>513 mm</li> <li>Mounting cutout, width</li> <li>Mounting cutout, height</li> <li>76 mm</li> <li>Weights</li> </ul>		#5 C
Max.   60 °C		30 °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  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  Ves; Optional  pre-installed operating system  Ves; Ultimate 64 bit  Ves; 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		
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 Yes; Optional  pre-installed operating system  Windows 7 Yes; Ultimate (Multi-Language) 64-bit, Windows Embedded Standard 7 E/P 32-bit / 64-bit, Windows 10  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 Mounting cutout, width Mounting cutout, height Overall depth  76 mm  Weights		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  Software  Ves; 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  76 mm  Weights	,	Toolad according to IEC 60069 2.79 IEC 60069 2.20; 59/ to 909/ at 25 °C /no
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 load during operation     IEC 60068-2-27; 150 m/s², 11 ms (without hard disk); 50 m/s³, 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 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  Vesights	• Relative numbers	
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  Pes; Optional Pre-installed operating system  Windows 7 Yes; Ultimate 64 bit  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 529 mm  Height of housing front 331 mm  Mounting cutout, width 513 mm  Mounting cutout, height 76 mm  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		
Departing 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	Operating systems	
pre-installed operating system	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	<ul><li>Windows 7</li></ul>	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 529 mm  Height of housing front 331 mm  Mounting cutout, width 513 mm  Mounting cutout, height 315 mm  Overall depth 76 mm  Weights	SIMATIC Software	
Height of housing front 331 mm  Mounting cutout, width 513 mm  Mounting cutout, height 315 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

last modified: 6/25/2021 🖸