SIEMENS

Data sheet

6AV7260-0EP20-0AX3

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 Core I3-4330TE (2C/4T, 2.4 GHz, 4 MB cache, VT-X); PROFIBUS/MPI CP 5622-compatible); 2 MB buffered SRAM Solid-state drive 240 GB; 320 GB HDD SATA (2.5"); DVD +/-RW 4 GB DDR3 1600 DIMM; 2x PCI without expansion (HW) Windows 7 Ultimate 32 bit SP1, MUI (de, en, fr, es, it) without expansion (software) AC 110/230V industrial power supply unit with NAMUR; Power supply cable USA

Product type designation Display Design of display Screen diagonal Horizontal image resolution Vertical image resolution Backlighting Muse, at front Touch operation Design as touch screen Mounting Mounting Posign Panel PC, built-in unit PS refr touch 15" TFT touch 15" TFT touch 15 in 800 pixel 800 pixel 800 pixel 800 pixel 800 000 h Pront USB 2.0 (500mA) Front USB 2.0 (500mA) For horizontal and vertical mounting Panel PC, built-in unit Central design	
Design of display Screen diagonal Resolution (pixels) Horizontal image resolution Vertical image resolution MTBF backlighting MTBF backlighting (at 25 °C) Control elements Input device Mouse, at front Touch operation Design as touch screen Installation type/mounting Mounting Mounting Panel PC, built-in unit	
Screen diagonal Resolution (pixels) Horizontal image resolution Vertical image resolution Backlighting MTBF backlighting (at 25 °C) Control elements Input device Mouse, at front Touch operation Design as touch screen Mounting Mounting For horizontal and vertical mounting Panel PC, built-in unit	
Resolution (pixels) • Horizontal image resolution • Vertical image resolution Backlighting • MTBF backlighting (at 25 °C) Control elements Input device • Mouse, at front Touch operation • Design as touch screen Mounting Mounting Mounting For horizontal and vertical mounting Panel PC, built-in unit	
 Horizontal image resolution 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 Panel PC, built-in unit 	
Vertical image resolution Backlighting MTBF backlighting (at 25 °C) 80 000 h Control elements Input device Mouse, at front Touch operation Design as touch screen Mounting Mounting Mounting Panel PC, built-in unit	
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	
MTBF backlighting (at 25 °C) Control elements Input device Mouse, at front Touch operation Design as touch screen Mounting Mounting Design Panel PC, built-in unit	
Input device • Mouse, at front Touch operation • Design as touch screen Mounting Mounting Design Panel PC, built-in unit	
Input device • Mouse, at front Touch operation • Design as touch screen Per language of the proof of the	
Mouse, at front Touch operation Design as touch screen Yes; analog, resistive Installation type/mounting Mounting For horizontal and vertical mounting Design Panel PC, built-in unit	
Touch operation	
● Design as touch screen Installation type/mounting Mounting Design Yes; analog, resistive For horizontal and vertical mounting Panel PC, built-in unit	
Installation type/mounting Mounting For horizontal and vertical mounting Design Panel PC, built-in unit	
Mounting For horizontal and vertical mounting Design Panel PC, built-in unit	
Design Panel PC, built-in unit	
,	
central design	
100	
Mounting in portrait format possible Yes	
maximum permissible installation angle +/-	
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 GHz, 4 MB Cache); Xeon E3-1268L v3 (4C/8T, 2.3 (3.3) GHz, 8 M AMT)	•
Chipset Intel DH82C226 PCH	
Graphic	
Graphics controller P4600 GT2 (Xeon, Core i3); Intel HD controller (Celeron)	graphics
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" SGB; solid-state drive (SSD) ≥ 240 GB; all hard disk drives within the are vibration-damped; RAID1 2x 2.5" SATA ≥ 320 GB byte in remote bay	he enclosure
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 it 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 10 Enterprise • Windows 10 Enterprise 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 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. • 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 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 	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	
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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 112 mm	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 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 Ves 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)	
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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 19 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			
Weight, approx. 12 kg	Weight, approx.	12 kg	

last modified:

6/25/2021