

## DELL Precision 5820 Intel® Xeon® W-2135 32 GB DDR4-SDRAM 512 GB SSD Windows 10 Pro Tower Workstation Black

Brand : DELL

Product family: Precision

Article code: GW9KH

Product name : 5820

DELL Precision 5820. Processor frequency: 3.7 GHz, Processor family: Intel® Xeon®, Processor model: W-2135. Internal memory: 32 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2666 MHz. Total storage capacity: 512 GB, Storage media: SSD, Card reader integrated, Optical drive type: DVD-RW. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Chassis type: Tower. Product type: Workstation. Product color: Black





Processor		Performance	
Processor manufacturer * Processor family * Processor model * Processor cores	Intel Intel® Xeon® W-2135 6	Audio chip Audio system Password protection Product type <b>*</b>	Realtek ALC3234 High Definition Audio ✓ Workstation
Processor threads	12	Software	
Processor boost frequency Processor frequency * Processor socket Processor cache System bus rate	4.5 GHz 3.7 GHz LGA 2066 (Socket R4) 8.25 MB 0 GT/s	Operating system installed * Operating system architecture Operating system language Trial software	Windows 10 Pro 64-bit Multilingual Microsoft Office
Bus type	QPI	Processor special features	
Processor lithography	14 nm	Intel 64	1
Processor operating modes Processor codename	64-bit Skylake	Enhanced Intel SpeedStep Technology	1
Thermal Design Power (TDP)	140 W	Embedded options available	×
Tcase PCI Express slots version	64 °C 3.0	Intel VT-x with Extended Page Tables (EPT)	<ul> <li>Image: A start of the start of</li></ul>
Maximum number of PCI Express lanes	48	Intel TSX-NI Idle States	1
PCI Express configurations Number of processors installed	1x16, 1x4, 1x8 1	Thermal Monitoring Technologies	<ul> <li></li> </ul>
Stepping	UO	Intel® AES New Instructions (Intel® AES-NI)	1
Maximum internal memory supported by processor	512 GB	Intel® Secure Key	✓
Memory types supported by processor	DDR4-SDRAM	Intel <sup>®</sup> OS Guard Intel Trusted Execution Technology	v v
Memory clock speeds supported by processor	1600,1866,2133,2400,2666 MHz	Execute Disable Bit	·
Memory bandwidth supported by processor (max)	85.3 GB/s	Intel Flex Memory Access Intel Enhanced Halt State	× ✓

ECC supported by processor <ul> <li>Intel Solar Gaussian Solar Solar</li></ul>	-			
Name of the Solution of the So	Processor		Processor special features	
interal memory32 0.8(midd Sck)*Maximum internal memory25 0.8Supported instruction sets43 x 52.5 mmMaximum internal memory25 0.00Supported instruction sets43 x 52.5 mmMaximum internal memory25 0.00Schoolssor codeSEUAMemory idic tits sets)2 x 16 0.6Scalability1Memory idic tits sets)2 x 16 0.6Scalability46 bitMemory idic tits sets)2 x 16 0.6Scalability46 bitMemory idict speed2666 MH-PPhysical Address Extension (PAE)46 bitMemory idict speed2666 MH-PPhysical Address Extension (PAE)46 bitMemory idict speed521 0.6Directed i/0 (VT-d)1.00Storage mediaSSDDirected i/0 (VT-d)1.00Optical direct speed100Intel Scalability2.0Optical direct speed12 0.6Processor ARK 101.26709Mumber of Storage drives installed1Intel Scalability2.0SSD capacity512 0.6Processor ARK 101.26709SSD capacity1.0Processor ARK 101.26709SSD capacity1.0Processor ARK 101.26709SSD capacity1.0Processor ARK 101.26709 <tr< td=""><td>ECC supported by processor</td><td>1</td><td>, i i i i i i i i i i i i i i i i i i i</td><td>✓</td></tr<>	ECC supported by processor	1	, i i i i i i i i i i i i i i i i i i i	✓
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International production and controls of a statusDisplay induction and controls of a statusMemory layout (dists x size)2 × 16 GBScalability15Memory clack speed266 MHzPhysical Address Extension (PAE)40 bitMemory clack speed266 MHzPhysical Address Extension (PAE)40 bitMemory clack speed266 MHzPhysical Address Extension (PAE)40 bitStorage media250 Gene100 controls of a status10Storage index550Intel identity Protection Technology version1.00Optical dive type *VDP AWIntel Scure Key Technology version1.00Optical dive type *VDP AWIntel Scure Key Technology version1.00Storage index1001.011.01Total Storage divers installed1Intel Scure Key Technology version1.00Storage index1.021.011.01Storage index1.021.011.01Storage index1.021.011.01Storage index1.021.011.01Storage index integrated1.021.011.01Storage integrated1.021.021.01Storage integrates5.01.011.01Storage integrates1.011.011.01Storage integrates1.011.011.01Storage integrates1.011.011.01Storage integrates1.011.011.01Storage integrates1.011.011.01Storage	Internal memory *		Processor package size	45 x 52.5 mm
Memory Joya (alois x size)2.1 E GBScalabilityJSMemory Joks Speed2666 MHzPhysical Address Extension (PAL)4 GHMemory Joks Speed2666 MHzPhysical Address Extension (PAL)4 GHMemory Joks Speed2004 ChannelCPU configuration (max)1Total storage capacity *512 GBCPU configuration (max)1.00StorageDVD-RWIntel Wirtuitariation Technology (VF)1.00Total storage drives installed1Intel Wirtuitariation Technology (VF)1.00Number of storage drives installed1.2 GBIntel Wirtuitariation Technology (VF)1.00Total SDS capacity512 GBIntel Wirtuitariation Technology (VF)1.00Number of SDs installed1.2 GBProcessor ARI (N)2.60SD capacity512 GBIntel Wirtuitariation Technology (VF)2.0SD formatorN.2 GMProcessor ARI (N)2.60SD formatorSD capacitySD capacity2.60SD formatorN.2 GMProcessor ARI (N)2.60SD formatorSD capacityProcessor ARI (N)2.60SD formatorN.2 GMProcessor ARI (N)2.60SD formatorSD capacityPro	,		Supported instruction sets	AVX, AVX 2.0, AVX-512, SSE4.2
Memory clack speedSx DIMPhysical Address Extension (PAE)Physical Address Ext			Processor code	SR3LN
Memory clock speed266 MI/zPhysical Address Extension (PAC)4 bitMemory channelsQuad channelCPU configuration (max)1Total storage capacity *\$12 G8PU configuration (max)1Total storage capacity *\$12 G8Directed (10 (VT-d)0Storage media *SDD or the life leftity five function *echnology (VT-0Storage media *SDD or the life leftity five function *echnology (VT-1Storage drives installed1Intel Secure Key Technology resion1.00Number of storage drives installed1Intel Secure Key Technology (VT-2Storage drives installed1Intel Secure Key Technology (VT-2Storage drives installed1Intel Fixthology resion1.00Storage drives installed1Intel Fixthology (RIDE NET)2.0Storage drives installedNatavaliableProcessor AKK ID2.0Storage factor instageted-Conflict-Resion (RIDE NET)2.0Card rader instagatedNatavaliablePower supply input voltage0Storage radius data rates10.100.1000 Mbit/sOperating remearature (TT-)5.0 s 0.5 12Storage radius humidity (HI-1)10.00.1000 Mbit/sOperating remearature (TT-)5.0 s 0.5 12Storage calcut humidity (HI-1)10.00.1000 Mbit/sOperating remearature (TT-)5.0 s 0.5 12Storage calcut humidity (HI-1)10.00.1000 Mbit/sOperating remearature (TT-)5.0 s 0.5 12Storage calcut humidity (HI-1)10.5 0x1.0 s 0.5 12			•	15
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Storage     Correction (Storage capacity * 512 GB     Intel Virtualization Technology for present technology for present storage capacity * 512 GB       Total storage capacity * 512 GB     Divected (I/C VT-3)     1.0       Number of storage drives installed     1     Intel Virtualization Technology (VT- variant)     1.00       Number of storage drives installed     1     Intel Secure Key Technology (VT- valia SDS capacity S12 GB     1.00       Number of SDS installed     1     Intel Secure Key Technology (VT- valia SDS capacity S12 GB     1.00       SD capacity S12 GB     Processor AR ID     1.26709       SD capacity S12 GB     Processor AR ID     1.26709       SD form factor     M2     Intel % Hyper Threading Technology     -       SD form factor     M2     Intel % Hyper Threading Technology     -       Compatible memory cards     SD     Processor AR ID     1.00       SD form factor     M2     Not available     Power supply input roltage     100 - 240 V       Discrete graphics card model *     Not available     Power supply input roltage     100 - 240 V       Power supply input roltage     100 - 240 V     Power supply input roltage     100 - 240 V       So capacity *     Not available     Operating tenchology     5 - 5 * C       Discrete graphics card model *     Not available     Operating tentotice * IPT1     4 - 5 * C				
Total storage capacity*512 GBDirected 10 (VT-d)ControlStorage media *SSDIntel Mediation Technology1.00Storage media *SSDIntel Mediation Technology1.00Number of storage drives installed1Intel Mediation Technology1.00Total SSDs capacityS12 GBIntel Minitalistan Technology2.00SSD capacityS12 GBProcessor ARK ID1.00SSD capacityS12 GBIntel TSN Ni version1.00SSD capacityS12 GBIntel Minitalistan Technology2.00SSD interfacePCI ExpressIntel® Throbots Technology2.00SSD interfacePCI ExpressIntel® Hyper Throading Technology2.00SSD interfaceNational Storage CapacitySD2.00SSD interfaceNational Storage CapacitySD2.00<	Storage			
Storage media *SD0Intel Virtual Control Technology version1.0Optical drive type *DVD-RWIntel Secure Key Technology version1.0Total SDS capacityS12 GGIntel Secure Key Technology version1.0SDD capacityS12 GGIntel Strik Wersion1.0SDD capacityS12 GGIntel Strik Wersion1.00SDD capacityS12 GGIntel Strik Wersion2.0SDD form factorM.2Intel Strik Wersion2.0Graderi integratedIntel Strik Wersion2.0Compatible memory cardsSD and analyticIntel Strik Wersion2.0SD form factorM.2Conflict Free processorDiscrete graphics card modeNationalyticConflict Free processor>0NetworkVOperating temperature (T-T)5.0 + 5.0 + CDiscrete graphics card mode10,000 Mbi/SOperating temperature (T-T)4.0 + 5.5 + CObjectie graphics card mode10,000 Mbi/SOperating temperature (T-T)4.0 + 5.5 + CObjectie graphics card mode10,000 Mbi/SOperating temperature (T-T)4.0 + 5.5 + CObjectie graphics card mode10,000 Mbi/SOperating temperature (T-T)4.0 + 5.5 + CSD and call filter10,000 Mbi/SOperating temperature (T-T)4.0 + 5.5 + CWith 3 2 Gan 1 (3.1 Gen 1) Type.2Operating temperature (T-T)4.0 + 5.5 + CSD and squarity2Minit 41.75 + mWith 3 2 Gan 1 (3.1 Gen 1) Type.2Operating temperature (T-T) <td>-</td> <td>512 GB</td> <td></td> <td><ul> <li>Image: A start of the start of</li></ul></td>	-	512 GB		<ul> <li>Image: A start of the start of</li></ul>
Optical drive type*VVD-RWIntel Secure Key Technology version1.00Number of storage drives installed1Intel Virtualization Technology (VT- X).Number of storage drives installed1Intel Virtualization Technology (VT- X).Number of SDS installed126 GBNocessor AK I/D126 Top9SSD charchyS12 GBIntel® Turbo Boost Technology.00SSD interfacePCI ExpressIntel® Turbo Boost Technology.Card reader integratedCard reader integratedSDIntel® Turbo Boost Technology.Compatible memory cardsSDPowerDiscrete graphics card mederNatailablePower supply input toftagencyNetwork10.100.000 Mbi/sPower supply input foregraphicsDiscrete graphics card mederNotablePower supply input toftagencyStorage technology10/10/1000Base-T(X)Storage temperature (T-T)Cabling technology10/10/10/00Base-T(X)Storage temperature (T-T)Storage temperature (T-T)Cabling technology10/10/1000Base-T(X)Storage temperature (T-T)<				1.00
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Total SDS capacityS12 6 Bx)x)xSDS installed1Intel STX.NI version1.00SDS capacityS12 6 BProcessor ARK ID1.26709SDS interfaceVEX persesIntel® Trub Boost Technology2.0Card reader integrated×Intel® Technology (Intel® IP)·Compatible memory cardsSDSDIntel® IPP Threading Technology·Compatible memory cardsNot availablePower supply input voltage100 - 240 VDiscrete graphics card modelNot availablePower supply input requery50 - 60 HZEthernet LAN data rates10.100.000 Mbi/SOperating temperature (T-T)5 - 35 * CCabling technology10.100.000 Mbi/SOperating temperature (T-T)40 - 65 * COperating relative humidity (H-H)8 = 55%Storage temperature (T-T)5 - 95%USB 3.2 Gen (13.1 Gen 1) Type-A8Weight & dimensionsUSB 3.2 Gen 1(3.1 Gen 1) Type-A2Dept + 35 1.8.3 mnPorts quantity2Portage relative humidity (H-H)8 = 55%Sproge relative humidity (H-H)8 = 55%1.8.3 mnVight 4 dimensions1.8.3 mn1.9.9 kgUSB 3.2 Gen 1(3.1 Gen 1) Type-APortage relative humidity (H-H)8 = 55%Sproge relative humidity (H-H)8 = 55%1.8.3 mnVight 4 dimensions1.8.4 minities (H-H)1.9.9 kgVight 5 quantity2Portage relative humidity (H-H)8 = 55%Sproge relative humidity (H-H)8 = 55%Sproge r	Number of storage drives installed	1		1.00
SSD capacityS12 GBProcessor ARK ID126709SSD interfacePL ExpressIntel® Turbe Boost Technology2.0Card reader integrated~Intel® Turbe Boost Technology2.0Card reader integrated~Intel® Turbe Boost Technology~Compatible memory cardsSDPower~Discrete graphics card *×Power~Discrete graphics card model *Not availablePower supply input orlage100 - 240 VPoterto Intel® Identity Protection00 - 240 V~PowerPower supply input orlage temperature (T-T)5.0 - 60 HzPoterto Identity Protection00 - 65 °C~Poterto Identity Protection-0 - 65 °C~Port Identity Protection-0 - 65 °C~	Total SSDs capacity	512 GB		<i>✓</i>
SDD interfacePCI ExpressIntel® Turbo Boost Technology2.0SDD form factorM.2Intel® Hyper Threading Technology-Compatible memory cardsSDIntel® Hyper Threading Technology-Compatible memory cardsSDIntel® Identity Protection-Technology (Intel® IP)Conflict-Free processorDiscrete graphics cardNot availablePower00 - 240 VDiscrete graphics card modelNot availablePower supply input frequency50 - 60 HzEthernet LANOperational conditions-Ethernet LAN data rates10,00,000 Mbit/sOperating temperature (T-T)4.0 - 65 * CColling technology10/100/008ase-T(X)Storage temperature (T-T)4.0 - 65 * CPorts GantrifeStorage relative humidity (H+H)8.5%Ports GantrifeStorage relative humidity (H+H)8.5%Ports GantrifePoerational conditions-USB 3.2 Gen 1 (3.1 Gen 1) Type- ports quantityAMeight 4 dimensions-Ports QuantrifeNouse included on selected markets-Ports quantrife-Mouse included on selected markets-Ports quantrifePorts quantrifePorts quantrifePorts quantrifePorts quantrifePorts quantrife <td>Number of SSDs installed</td> <td>1</td> <td></td> <td>1.00</td>	Number of SSDs installed	1		1.00
SSD form factorM.2Intel® Hyper Threading Technology (Intel® HYPer Threading Technology)Compatible memory cardsSDIntel® Hyper Threading Technology (Intel® HTP-Compatible memory cardsSDIntel® Hyper Threading Technology (Intel® HTP)-GraphicsXPower-Discrete graphics card model *Not availablePower supply input voltage Power supply input requency SD - 60 Hz100 - 240 VNetworkPower supply input requency SD - 60 HzSD - 60 Hz-Ethemet LAN *VOperating temperature (T-T) AD - 65 °C Operating temperature (T-T) AD - 65 °C Operating temperature (T-T) AD - 65 °CSD - 60 HzCabling technology10/100/1000Base-T(X) AD - 65 °CSD - 60 Hz-SD 3C Graphics10/100/1000Base-T(X) AD - 65 °CSD - 60 Hz-Cabling technology10/100/1000Base-T(X) AD - 65 °CSD - 60 Hz-SD 3C Graphics10/100/1000Base-T(X) AD - 65 °CSD - 60 Hz-SD 3C 3C 1(3 LG en 1) Type-A ports quantity2SD - 60 Hz-SD 3C 4D (13 LG en 1) Type-A ports quantity10	SSD capacity	512 GB	Processor ARK ID	126709
Card reader integratedCompatible memory cardsSDIntel® III Trechnology (Intel® III Trechnology (Intel® III P) Trechnology (Intel® III P)GraphicsSDComfict-Free processorDiscrete graphics card wellNot availablePower Power supply input voltage100 - 240 VDiscrete graphics card model Not availablePower supply input voltage100 - 240 VNetworkYPower supply input voltage100 - 240 VEthernet LAN *Operating temperature (T-T)5 - 35 °CStorage temperature (T-T)S - 05 °CStorage temperature (T-T)40 - 65 °CWi-Fi*XOperating telative humidity (I+IH)5 - 95 %Ports & interfacesStorage relative humidity (I+IH)5 - 95 %USB 3.2 Gen 1 (3.1 Gen 1) Type-Q2Weight & dimensionsports quantity1Portage temperature (T-T)5 - 318.3 mmPorts quantity2Storage temperature (T-T)5 - 318.3 mmPS/2 ports quantity2Storage temperature (T-T)5 - 318.3 mmPS/2 ports quantity1Storage temperature (T-T)5 - 318.3 mmPS/2 ports quantity1Storage temperature (T-T)5 - 318.3 mmPS/2 ports quantity1Storage temperature (T-T)5 - 318.3 mmIntel® US 2 (Storage temperature)VertageStorage temperature)Storage temperature)PS/2 ports quantity1Storage temperature)Storage temperature)Storage temperature)Potoget quantity1Storag	SSD interface	•		2.0
ComparisonJobTechnology (intel® IPT)*GraphicsConflic.Free processorDiscrete graphics card Model *Not availablePowerPower Supply input voltage100 - 240 VNetwork*Power supply input voltage100 - 240 VNetwork*Operating temperature (T-T)40 - 65 °CWirfi**Sorage temperature (T-T)40 - 65 °CPorts dinterfacesVOperating relative humidity (H-H)8 - 85%Ports dinterfacesPowerPower106 - 240 VUSB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity2Poeth**118.3 mmDVI portXReckaging content417.9 mmVigget temperature (T-T)40 - 65 °C100 - 240 V116.0 MPoyo ports quantity1Cables included on selected markets only-Notage included on selected markets only*-116.0 MNoter cord included*116.0 M	SSD form factor Card reader integrated		5 55	1
bisrete graphics card * X Discrete graphics card model * Not available Network Network Ethemet LAN * · · Power supply input voltage Ethemet LAN data rates 10,100,1000 Mbit/s Cabling technology 10/100/1000Base-T(X) Wi-F1* * X Ports & interfaces USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * S So grap ten (3.1 Gen 1) Type-A ports quantity * 2 Ethemet LAN (gl-45) ports 1 Ethemet LAN (gl-45) ports 1 Height * 4 Height *	Compatible memory cards	SD		1
Power supply input voltage         Power supply input voltage         00 - 240 V.           Network         Power supply input voltage         00 - 240 V.           Ethernet LAN *         /         Operational conditions           Ethernet LAN data rates         10,100,1000 Mbit/s         Operating temperature (T.T)         5 - 35 °C           Cabling technology         10/100/1000Base-T(X)         Operating temperature (T.T)         5 - 35 °C           VWFF*         Xorage temperature (T.T)         5 - 35 °C           Ports & Interfaces         Storage temperature (T.T)         5 - 95%           USB 3.2 Gen 1 (3.1 Gen 1) Type-X ports quantity         8         Weight & dimensions         5 - 95%           DVI port         2         Depth * 0         5 - 95%         5 - 95%           DVI port         2         Meight & dimensions         5 - 95%           DVI port         2         Meight & dimensions         5 - 95%           DVI port         2         Meight & dimensions         5 - 95%           DVI port         X         2         Meight & dimensions         5 - 95%           DVI port         X         ACA         10 - 90%         10 - 90%           Line-out LAN (R)-45) ports         1         ACA         ACA           Ser	-		Conflict-Free processor	✓
NetworkPower supply input votice10 - 40 VPower supply input frequency50 - 60 HzEthernet LAN 4dat artes10,100,1000 Mbit/sOperating temperature (T-T)5 - 35 °CCabling technology10/100/1000Base-T(X)Storage temperature (T-T)40 - 65 °CWi-Fi*VOperating temperature (T-T)40 - 65 °CStorage temperature (T-T)5 - 95%Storage temperature (T-T)5 - 95%Ports 6 interfacesStorage relative humidity (H-H)5 - 95%USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*8Wight 6 dimensionsVI port2Depth *518.3 mmDVI port2Depth *518.3 mmPS/2 ports quantity2Depth *518.3 mmPS/2 ports quantity2Packaging content15.9 kgWicrophone in<	5 1		Power	
Ethernet LAN*         Ethernet LAN data rates     10,100,1000 Mbit/s     Operating temperature (T-T)     5 - 35 °C       Cabling technology     10/100/1000Base-T(X)     Storage temperature (T-T)     40 - 65 °C       Wi-Fi*     X     Operating relative humidity (H-H)     8 - 85%       Ports & interfaces     Weight & dimensions     5 - 95%       USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *     8     Weight & dimensions       USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *     2     Depth *     518.3 mm       VU port     X     Depth *     518.3 mm       DVI port squantity *     2     Depth *     518.3 mm       PS/2 ports quantity     2     Depth *     518.3 mm       Vicrophone in     X     Mouse included on selected markets only     S19.9 kg       Vicrophone in     Y     Y     Y     Y       Microphone outputs     1     Mouse included on selected markets only     Y       Line-out     Y     Manual     Y       Unord Uttom     Y     Y     Y       Serial ports quantity     1     Manual     Y       Unord Uttom     Y     Y     Y     Y       Portage relative humidity (H-H)     Y     Y     Y       Microphone in     Y	Discrete graphics card model *	Not available	Power supply input voltage	100 - 240 V
Characteriations         Display and the set of the set	Network		Power supply input frequency	50 - 60 Hz
Cabing technology     10100/1000Base-T(X)     Operating temperature (1-1)     5 - 3 - C       Wi-Fi*     X     Storage temperature (1-1)     40 - 65 °C       Ports & interfaces     Storage relative humidity (H-H)     8 - 85%       VUSB 3.2 Gen 1 (3.1 Gen 1) Type-7     B     With *     176.5 mm       ports quantity *     2     With *     18.3 mm       DVI port     X     Depth *     518.3 mm       DVI port     X     Weight & dimensions     15.9 kg       DVI port     X     Weight *     15.9 kg       Bicrophone in     Packaging content     40.40000       Line-out     I     Manual     AC       Line-in     I     Manual     AC       On/of flutton     I     Manual     AC       On/of flutton     I     Interfactures     Interfactures       Porter     Interfactures     Interfactures     Interfactures	Ethernet LAN *	1	Operational conditions	
Wi-Fi*     X     Operating relative humidity (H-H)     X-40-50 C       Ports & interfaces     Storage relative humidity (H-H)     S - 95%       VUSB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*     A     A       USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*     A     A       USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*     A     A       USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*     A     A       USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*     A     A       USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*     A     A       DVI port     X     Depth*     \$18.3 mm       DVI port     X     Height*     417.9 mm       PS/2 ports quantity     Q     Novei coluded on selected markets     \$19.9 kg       Portor quantity     Q     Novei coluded on selected markets only     A       Heighthene outputs     1     A     A       Line-out     X     A     A       Serial ports quantity     1     A     A       Serial ports quantity     1     A     A       Autor portor     Y     A     A       Calles included on selected markets only     A     A       Calles included on selected markets only     A     A       Portor control     A     A	Ethernet LAN data rates		Operating temperature (T-T)	5 - 35 °C
Ports & interfaces         Operating relative humidity (H-H)         5 - 55%           USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*         8         Weight & dimensions           USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity*         2         Depth *         518.3 mm           USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity         2         Depth *         518.3 mm           USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity         2         Height *         417.9 mm           USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity         2         15.9 kg         15.9 kg           USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity         2         417.9 mm         15.9 kg           PS/2 ports quantity         1         417.9 mm         15.9 kg           PS/2 ports quantity         1         400 seincluded on selected markets only         -           Microphone in          400 seincluded on selected markets only         -           Headphone outputs         1         400 seincluded on selected markets only         AC           Serial ports quantity         1         400 seincluded on selected markets only         AC           Serial ports quantity         1         400 seincluded on selected markets only         AC           Serial ports quantity         1         90 seincluded **         *			Storage temperature (T-T)	-40 - 65 °C
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *     8     Weight & dimensions       USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *     2     Depth *     518.3 mm       USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *     2     Height *     417.9 mm       DVI port     X     Weight *     15.9 kg       PS/2 ports quantity     2     Packaging content     5.9 kg       PS/2 ports quantity     1     Packaging content     5.9 kg       Headphone outputs     1     Mouse included on selected markets only     -       Headphone outputs     1     Keyboard included on selected markets only     -       Line-out     -     Cables included     AC       Serial ports quantity     1     Manual     -       On/off button     -     Power cord included *     -       PCI-X slots     1     Display included *     X       PCI-X slots     1     On     -       Posign     Vertical     Poter cord included *     X       Product colour *     Black     -     -       Proformance     Vertical     -     -       Market positioning     Business     -     -       Market positioning     Business     -     -	WI-FI *	×		
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Microphone in       Image: included on selected markets only         Headphone outputs       1         Line-out       Keyboard included on selected markets only         Line-in       Image: included on selected markets only         Serial ports quantity       1         On/off button       Image: included on selected markets only         Serial ports quantity       1         On/off button       Image: included on selected markets only         PCI-X slots       1         PCI-X slots       1         Design       Image: included on selected markets only         Chassis type *       Tower         Placement supported       Yertical         Product colour *       Black         Performance       Market positioning         Market positioning       Business         Motherboard chipset       Intel® C422	PS/2 ports quantity		5	15.9 Kg
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