

DELL Vostro 3420 Intel® Core™ i5 i5-1135G7 Laptop 35,6 cm (14") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 11 Pro Swiss Black

Brand : DELL Product family: Vostro Product code: F32K4

Product name: 3420

DELL Vostro 3420. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1135G7. Display diagonal: 35,6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1,49 kg





Design		Ports & interfaces	
Product type * Product colour * Form factor * Housing material Market positioning	Laptop Black Clamshell Plastic Business	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version	1 1 1 1.4
Display		Combo headphone/mic port	✓
Display diagonal *	35,6 cm (14")	Power adapter barrel connector	4.5 mm
Display resolution *	1920 x 1080 pixels	Keyboard	
Touchscreen * X HD type Full HD Panel type IPS LED backlight ✓	Full HD IPS	Pointing device Numeric keypad * Keyboard backlit Keyboard language	Touchpad X ✓ Swiss
Native aspect ratio	16:9	Software	
Anti-glare screen Display brightness Pixel density RGB colour space Colour gamut Maximum refresh rate Contrast ratio (typical)	250 cd/m ² 158 ppi NTSC 45% 60 Hz 500:1	Operating system architecture Operating system language Trial software Operating system installed * Processor special features	64-bit Multilingual McAfee® Small Business Security 30-day trial,No Microsoft Office License Included 30 day Windows 11 Pro
Processor		Intel Trusted Execution Technology	x
Processor manufacturer * Intel Processor family * Intel® Core™ i5 Processor generation 11th gen Intel® Core™ i5	Intel® Core™ i5	Intel VT-x with Extended Page Tables (EPT) Intel Stable Image Platform Program (SIPP)	x
Processor model * Processor cores	i5-1135G7 4	Intel Software Guard Extensions (Intel SGX)	×
Processor boost frequency	4,2 GHz	Idle States	✓
Processor cache Configurable TDP-up frequency	8 MB 2.4 GHz	CPU configuration (max)	1
Configurable TDP-up requestly	2,4 GHZ 28 W	Embedded options available	X
Configurable TDP-down Configurable TDP-down frequency	12 W 0.9 GHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
	0,3 0112	Intel Virtualization Technology (VT-x)	✓
Memory		·	
Internal memory *	8 GB		

Memory		Rattery	
Memory	DDD4 CDD4M	Battery	Lithium Ion (Li Ion)
Internal memory type Memory clock speed Memory form factor Memory layout (slots x size)	DDR4-SDRAM 2666 MHz SO-DIMM 1 x 8 GB	Battery technology Number of battery cells Battery capacity * Battery voltage	Lithium-lon (Li-lon) 4 54 Wh 15 V
Memory slots	2x SO-DIMM 16 GB	Battery recharge time	4 h
Maximum internal memory *	10 Gb	Fast charging Battery charge indicator	<i>1</i>
Storage	25.6 CD	Battery weight	240 g
Total storage capacity * Storage media *	256 GB SSD	Power	240 g
Total SSDs capacity	256 GB	AC adapter power	65 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
Solid-state drive capacity	256 GB	AC adapter input voltage	100 - 240 V
Solid-state drive interface	NVMe, PCI Express	AC adapter output current	3,34 A
NVMe	✓	AC adapter output voltage	19.5 V
SSD form factor Optical drive type *	M.2	DC-in jack	✓
Card reader integrated	×	Security	
Compatible memory cards	SD, SDHC, SDXC	Cable lock slot	✓
Graphics	<u> </u>	Fingerprint reader	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Trusted Platform Module (TPM) version	2.0
Discrete graphics card *	x	Password protection	✓
On-board graphics card model *	Intel Iris Xe Graphics	Operational conditions	
Audio			0 - 35 °C
Audio Number of built-in speakers	2	Operating temperature (T-T) Storage temperature (T-T)	0 - 35 °C -40 - 65 °C
	2 2 W	Operating temperature (T-T)	
Number of built-in speakers		Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H)	-40 - 65 °C 10 - 90% 0 - 95%
Number of built-in speakers Speaker power	2 W	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m
Number of built-in speakers Speaker power Built-in microphone	2 W	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m
Number of built-in speakers Speaker power Built-in microphone Camera	2 W	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m
Number of built-in speakers Speaker power Built-in microphone Camera Front camera Front camera resolution (numeric) Front camera resolution	2 W	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m 110 G
Number of built-in speakers Speaker power Built-in microphone Camera Front camera Front camera resolution (numeric) Front camera resolution Front camera HD type	2 W	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m 110 G 160 G
Number of built-in speakers Speaker power Built-in microphone Camera Front camera Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed	2 W	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m 110 G 160 G 0,66 G
Number of built-in speakers Speaker power Built-in microphone Camera Front camera Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed Network	2 W	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Weight & dimensions Width	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m 110 G 160 G 0,66 G 1,3 G
Number of built-in speakers Speaker power Built-in microphone Camera Front camera Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed Network Top Wi-Fi standard *	2 W	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Weight & dimensions Width Depth	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m 110 G 160 G 0,66 G 1,3 G
Number of built-in speakers Speaker power Built-in microphone Camera Front camera Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed Network	2 W ✓ 0,92 MP 1280 x 720 pixels HD 30 fps Wi-Fi 5 (802.11ac) Wi-Fi 5 (802.11ac)	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Weight & dimensions Width Depth Height (front)	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m 110 G 160 G 0,66 G 1,3 G
Number of built-in speakers Speaker power Built-in microphone Camera Front camera Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed Network Top Wi-Fi standard * Wi-Fi standards	2 W	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Weight & dimensions Width Depth	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m 110 G 160 G 0,66 G 1,3 G
Number of built-in speakers Speaker power Built-in microphone Camera Front camera Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed Network Top Wi-Fi standard * Wi-Fi standards Mobile network connection *	2 W 0,92 MP 1280 x 720 pixels HD 30 fps Wi-Fi 5 (802.11ac) Wi-Fi 5 (802.11ac)	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Weight & dimensions Width Depth Height (front) Height (rear) Weight *	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m 110 G 160 G 0,66 G 1,3 G 321,3 mm 220,3 mm 1,86 cm 1,95 cm
Number of built-in speakers Speaker power Built-in microphone Camera Front camera Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed Network Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Antenna type	2 W	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Weight & dimensions Width Depth Height (front) Height (rear) Weight * Packaging data	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m 110 G 160 G 0,66 G 1,3 G 321,3 mm 220,3 mm 1,86 cm 1,95 cm 1,49 kg
Number of built-in speakers Speaker power Built-in microphone Camera Front camera Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed Network Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Antenna type Ethernet LAN	2 W	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Weight & dimensions Width Depth Height (front) Height (rear) Weight *	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m 110 G 160 G 0,66 G 1,3 G 321,3 mm 220,3 mm 1,86 cm 1,95 cm
Number of built-in speakers Speaker power Built-in microphone Camera Front camera Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed Network Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Antenna type Ethernet LAN Ethernet LAN data rates	2 W 0,92 MP 1280 x 720 pixels HD 30 fps Wi-Fi 5 (802.11ac) Wi-Fi 5 (802.11ac) x 1x1 10,1000,100 Mbit/s	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Weight & dimensions Width Depth Height (front) Height (rear) Weight * Packaging data Package width	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m 110 G 160 G 0,66 G 1,3 G 321,3 mm 220,3 mm 1,86 cm 1,95 cm 1,49 kg
Number of built-in speakers Speaker power Built-in microphone Camera Front camera Front camera resolution (numeric) Front camera resolution Front camera HD type Video capturing speed Network Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Antenna type Ethernet LAN Ethernet LAN data rates Bluetooth	2 W 0,92 MP 1280 x 720 pixels HD 30 fps Wi-Fi 5 (802.11ac) Wi-Fi 5 (802.11ac) x 1x1 10,1000,100 Mbit/s	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration Weight & dimensions Width Depth Height (front) Height (rear) Weight * Packaging data Package width Package depth	-40 - 65 °C 10 - 90% 0 - 95% -15,2 - 3048 m -15,2 - 10668 m 110 G 160 G 0,66 G 1,3 G 321,3 mm 220,3 mm 1,86 cm 1,95 cm 1,49 kg



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