Specifications of Vostro 16 5635

Dimensions and weight

The following table lists the height, width, depth, and weight of your Vostro 16 5635.

Table 2. Dimensions and weight

Description	Values
Height:	
Front height	15.67 mm (0.62 in.)
Rear height	17.95 mm (0.71 in.)
Width	356.78 mm (14.05 in.)
Depth	251.90 mm (9.92 in.)
Weight (maximum)	1.90 kg (4.19 lb maximum) (i) **NOTE:** The weight of your computer depends on the configuration ordered and manufacturing variability.

Processor

The following table lists the details of the processors supported by your Vostro 16 5635.

Table 3. Processor

Description	Option one	Option two
Processor type	AMD Ryzen 5 7530U	AMD Ryzen 7 7730U
Processor wattage	25 W	25 W
Processor core count	6	8
Processor thread count	12	16
Processor speed	Up to 4.50 GHz	Up to 4.50 GHz
Processor cache	19 MB	20 MB
Integrated graphics	Radeon Graphics	Radeon Graphics

Chipset

The following table lists the details of the chipset supported by your Vostro 16 5635.

Table 4. Chipset

Description	Values
Chipset	Integrated in processor
Processor	AMD Ryzen 5/7
DRAM bus width	128-bit
Flash EPROM	16 MB
PCIe bus	Up to Gen 3

Operating system

Your Vostro 16 5635 supports the following operating systems:

- Windows 11 Pro, 64-bit
- Windows 11 Home, 64-bit
- Windows 10 Pro, 64-bit
- Windows 10 Home, 64-bit

Memory

The following table lists the memory specifications of your Vostro 16 5635.

Table 5. Memory specifications

Description	Values
Memory slots	Two memory modules integrated with the system board
Memory type	Dual-channel LPDDR4x
Memory speed	4266 MHz
Maximum memory configuration	16 GB
Minimum memory configuration	8 GB
Memory configurations supported	8 GB, 2 x 4 GB, LPDDR4x, 4266 MHz, dual-channel 16 GB, 2 x 8 GB, LPDDR4x, 4266 MHz, dual-channel

External ports

The following table lists the external ports of your Vostro 16 5635.

Table 6. External ports

Description	Values
Network port	One RJ-45 Ethernet port

Table 6. External ports (continued)

Description	Values
USB ports	- One USB 3.2 Gen 2 Type-C port with DisplayPort 1.4 Alt Mode/Power Delivery - Two USB 3.2 Gen 1 ports
Audio port	One Universal headset jack
Video port	One HDMI 1.4 port
Media-card reader	One SD-card slot
Power-adapter port	One 4.50 mm x 2.90 mm DC-in
Security-cable slot	One security cable slot (wedge-shaped)

Internal slots

The following table lists the internal slots of your Vostro 16 5635.

Table 7. Internal slots

Description	Values
M.2	- One M.2 2230 slot for WLAN, Wi-Fi/Bluetooth - One M.2 2230/2280 slot for solid-state drive (i) **NOTE:** To learn more about the features of different types of M.2 cards, search in the Knowledge Base Resource at www.dell.com/support.

Ethernet

The following table lists the wired Ethernet Local Area Network (LAN) specifications of your Vostro 16 5635.

Table 8. Ethernet specifications

Description	Values
Model number	RTL8111H-CG
Transfer rate	10/100/1000 Mbps

Wireless module

The following table lists the Wireless Local Area Network (WLAN) modules supported on your Vostro 16 5635.

Table 9. Wireless module specifications

Description	Option one	Option two
Model number	MediaTek MT7921	MediaTek MT7922
Transfer rate	Up to 2400 Mbps	Up to 2400 Mbps
Frequency bands supported	2.4 GHz/5 GHz	2.4 GHz/5 GHz/6 GHz

Table 9. Wireless module specifications (continued)

Description	Option one	Option two
Wireless standards	- WiFi 802.11a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac) - Wi-Fi 6 (802.11ax)	- WiFi 802.11a/b/g - Wi-Fi 4 (WiFi 802.11n) - Wi-Fi 5 (WiFi 802.11ac) - Wi-Fi 6E (802.11ax)
Encryption	64-bit/128-bit WEP - AES-CCMP - TKIP	64-bit/128-bit WEP - AES-CCMP - TKIP
Bluetooth	Bluetooth 5.3 (i) **NOTE:** Particular versions of Microsoft Windows may not support the full Bluetooth 5.3 functionality	Bluetooth 5.3 (i) **NOTE:** Particular versions of Microsoft Windows may not support the full Bluetooth 5.3 functionality

Audio

The following table lists the audio specifications of your Vostro 16 5635.

Table 10. Audio specifications

Description		Values
Audio controller		Realtek ALC3254
Stereo conversion		Supported
Internal audio interface		High definition audio interface
External audio interface		Universal Audio Jack
Number of speakers		2
Internal-speaker amplifier		Supported
External volume controls		Keyboard shortcut controls
Speaker output:		
	Average speaker output	2 W x 2 = 4 W
	Peak speaker output	2.5 W x 2 = 5 W
Subwoofer output		Not supported
Microphone		Dual-array microphones

Storage

This section lists the storage options on your Vostro 16 5635.

Your Vostro 16 5635 supports one of the following storage configurations:
- One M.2 2230 solid-state drive
- One M.2 2280 solid-state drive

The primary drive of your Vostro 16 5635 is the M.2 drive where your operating system is installed.

Table 11. Storage specifications

Storage type	Interface type	Capacity
M.2 2230 solid-state drive	PCIe Gen3.0x4 NVMe, up to 32 Gbps	Up to 1 TB
M.2 2230 solid-state drive	PCIe Gen4.0x4 NVMe, up to 64 Gbps	Up to 1 TB
M.2 2280 solid-state drive	PCIe Gen4.0x4 NVMe, up to 64 Gbps	Up to 2 TB
M.2 2280 solid-state drive	PCIe Gen3.0x4 NVMe QLC, up to 32 Gbps	Up to 1 TB
M.2 2280 solid-state drive	PCIe Gen4.0x4 NVMe, up to 64 Gbps	Up to 2 TB
M.2 2280 solid-state drive	PCIe Gen3.0x4 NVMe QLC, up to 32 Gbps	Up to 1 TB

Media-card reader

The following table lists the media cards supported by your Vostro 16 5635.

Table 12. Media-card reader specifications

Description	Values
Media-card type	One SD card slot
Media-cards supported	- Secure Digital (SD) - Secure Digital High Capacity (SDHC) - Secure Digital Extended Capacity (SDXC)
ⓘ **NOTE:** The maximum capacity supported by the media-card reader varies depending on the standard of the media card installed in your computer.	

Keyboard

The following table lists the keyboard specifications of your Vostro 16 5635.

Table 13. Keyboard specifications

Description	Values
Keyboard type	- Backlit keyboard with Numpad - Standard keyboard with Numpad
Keyboard layout	QWERTY
Number of keys	- United States and Canada: 99 keys - United Kingdom: 100 keys - Japan: 103 keys
Keyboard size	X=18.70 mm key pitch Y=18.05 mm key pitch
Keyboard shortcuts	Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character,

Table 13. Keyboard specifications (continued)

Description	Values
	press Shift and the desired key. To perform secondary functions, press Fn and the desired key. ⓘ **NOTE:** You can define the primary behavior of the function keys (F1–F12) changing **Function Key Behavior** in BIOS setup program. For more information, see Keyboard shortcuts.

Keyboard shortcuts

ⓘ **NOTE:** Keyboard characters may differ depending on the keyboard language configuration. Keys used for shortcuts remain the same across all language configurations.

Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. The symbol shown on the lower part of the key refers to the character that is typed out when the key is pressed. If you press shift and the key, the symbol shown on the upper part of the key is typed out. For example, if you press **2**, **2** is typed out; if you press **Shift** + **2**, @ is typed out.

The keys F1-F12 at the top row of the keyboard are function keys for multi-media control, as indicated by the icon at the bottom of the key. Press the function key to invoke the task represented by the icon. For example, pressing F1 mutes the audio (refer to the table below).

However, if the function keys F1-F12 are needed for specific software applications, multi-media functionality can be disabled by pressing **fn** + **Esc**. Subsequently, multi-media control can be invoked by pressing **fn** and the respective function key. For example, mute audio by pressing **fn** + **F1**.

ⓘ **NOTE:** You can also define the primary behavior of the function keys (F1–F12) by changing **Function Key Behavior** in BIOS setup program.

Table 14. List of keyboard shortcuts

Function key	Re-defined key (for multi-media control)	Behavior
F1	fn + F1	Mute audio
F2	fn + F2	Decrease volume
F3	fn + F3	Increase volume
F4	fn + F4	Play/Pause
F5	fn + F5	Toggle keyboard backlight (optional)
F6	fn + F6	Decrease brightness
F7	fn + F7	Increase brightness
F8	fn + F8	Switch to external display
F10	fn + F10	Print screen
F11	fn + F11	Home
F12	fn + F12	End

The **fn** key is also used with selected keys on the keyboard to invoke other secondary functions.

Table 15. List of keyboard shortcuts

Function key	Behavior
fn + B	Pause/Break
fn + S	Toggle scroll lock
fn + R	System request

Table 15. List of keyboard shortcuts (continued)

Function key	Behavior
fn + T	Toggle Ultra performance mode
fn + right ctrl	Open application menu
fn + / ⓘ **NOTE:** Brazilian keyboard only	Open application menu
fn + Space bar	Open Emoji menu
fn + esc	Toggle fn-key lock
fn + left arrow	Home
fn + right arrow	End

Camera

The following table lists the camera specifications of your Vostro 16 5635.

Table 16. Camera specifications

Description	Values
Number of cameras	One
Camera type	RGB FHD Camera
Camera location	Front camera
Camera sensor type	CMOS-sensor technology
Camera resolution:	
Still image	2.07 megapixel
Video	1920 x 1080 (HD) at 30 fps
Diagonal viewing angle:	82 degrees

Touchpad

The following table lists the touchpad specifications of your Vostro 16 5635.

Table 17. Touchpad specifications

Description	Values
Touchpad resolution:	>300 DPI
Touchpad dimensions:	
Horizontal	115 mm (4.53 in.)
Vertical	80 mm (3.15 in.)
Touchpad gestures	For more information about touchpad gestures available on Windows, see the Microsoft knowledge base article at support.microsoft.com.

Power adapter

The following table lists the power adapter specifications of your Vostro 16 5635.

Table 18. Power adapter specifications

Description		Values
Type		65 W AC adapter, 4.50 mm barrel type
Connector dimensions:		
	External diameter	4.50 mm
	Internal diameter	2.90 mm
Input voltage		100 VAC–240 VAC
Input frequency		50 Hz–60 Hz
Input current (maximum)		1.60 A/1.70 A
Output current (continuous)		3.34 A
Rated output voltage		19.50 VDC
Temperature range:		
	Operating	0°C to 40°C (32°F to 104°F)
	Storage	-40°C to 70°C (-40°F to 158°F)
⚠ **CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.**		

Battery

The following table lists the battery specifications of your Vostro 16 5635.

Table 19. Battery specifications

Description		Values
Battery type		4-cell polymer (54 Wh), Li-ion battery
Battery voltage		15 V
Battery weight (maximum)		0.24 kg (0.53 lb)
Battery dimensions:		
	Height	271.90 mm
	Width	82 mm
	Depth	5.75 mm
Temperature range:		
	Operating	0°C to 50°C (32°F to 122°F)

Table 19. Battery specifications (continued)

Description		Values
	Storage	-20°C to 60°C (-4°F to 140°F)
Battery operating time		Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Battery charging time (approximate) (i) **NOTE:** Control the charging time, duration, start and end time, and so on using the Dell Power Manager application. For more information on the Dell Power Manager see, *Me and My Dell* on www.dell.com.		2hr (Express charge), 3hr (Standard charge) hours (when the computer is off)
Coin-cell battery		CR2032
⚠ **CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.**		

Display

The following table lists the display specifications of your Vostro 16 5635.

Table 20. Display specifications

Description		Option one	Option two
Display type		Full High Definition (FHD+), ComfortView	Full High Definition (FHD+), ComfortView Plus
Touch options		No	No
Display-panel technology		Wide Viewing Angle (WVA)	Wide Viewing Angle (WVA)
Display-panel dimensions (active area):			
	Height	344.68 mm (13.57 in.)	344.68 mm (13.57 in.)
	Width	215.42 mm (8.48 in.)	215.42 mm (8.48 in.)
	Diagonal	406.46 mm (16 in.)	406.46 mm (16 in.)
Display-panel native resolution		1920 x 1200	1920 x 1200
Luminance (typical)		250 nits	300 nits
Megapixels		2.30	2.30
Color gamut		NTSC 45%	sRGB 100%, typical
Pixels Per Inch (PPI)		141	141
Contrast ratio (min.)		● 800:1 (minimum) ● 1000:1 (typical)	● 1000:1 (minimum) ● 1200:1 (typical)
Response time (max.)		35 ms	35 ms
Refresh rate		Fixed 48/60 Hz	Fixed 48/60 Hz
Horizontal view angle		● +/- 85 degrees, typical	● +/- 85 degrees, typical

Table 20. Display specifications (continued)

Description	Option one	Option two
	• +/- 80 degrees, minimum	• +/- 80 degrees, minimum
Vertical view angle	• +/- 85 degrees, typical • +/- 80 degrees, minimum	• +/- 85 degrees, typical • +/- 80 degrees, minimum
Pixel pitch	0.18 mm	0.18 mm
Power consumption (maximum)	4.15 W	4.40 W
Anti-glare vs glossy finish	Anti-glare	Anti-glare

Fingerprint reader (optional)

The following table lists the specifications of the optional fingerprint-reader of your Vostro 16 5635.

Table 21. Fingerprint reader specifications

Description	Values
Fingerprint-reader sensor technology	Trans-capacitive sensing
Fingerprint-reader sensor resolution	500 dpi
Fingerprint-reader sensor pixel size	108 x 88 pixels

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Vostro 16 5635.

Table 22. GPU—Integrated

Controller	Memory size	Processor
AMD Radeon Graphics	Shared system memory	AMD Ryzen 5/7

GPU—Discrete

The following table lists the specifications of the discrete Graphics Processing Unit (GPU) supported by your Vostro 16 5635.

Table 23. GPU—Discrete

Controller	Memory size	Memory type
No discrete graphics	Not applicable	Not applicable

Multiple display support matrix

The following table lists the multiple display support matrix for your Vostro 16 5635.

Table 24. Multiple display support matrix

Graphics Card	Direct Graphics Controller Direct Output Mode	Supported external displays with computer internal display on	Supported external displays with computer internal display off
AMD Radeon Graphics	Not applicable	3	4

Hardware security

The following table lists the hardware security of your Vostro 16 5635.

Table 25. Hardware security

Hardware security
Wedge-shaped lock slot
Windows 10 Hello - Fingerprint Reader
Hardware Trusted Platform Module 2.0
Camera privacy shutter

Operating and storage environment

This table lists the operating and storage specifications of your Vostro 16 5635.

Airborne contaminant level: G1 as defined by ISA-S71.04-1985

Table 26. Computer environment

Description	Operating	Storage
Temperature range	0°C to 35°C (32°F to 95°F)	-40°C to 65°C (-40°F to 149°F)
Relative humidity (maximum)	10% to 90% (non-condensing)	0% to 95% (non-condensing)
Vibration (maximum)*	0.66 GRMS	N/A
Shock (maximum)	110 G†	N/A
⚠ **CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.**		

* Measured using a random vibration spectrum that simulates user environment.

† Measured using a 2 ms half-sine pulse.

Dell Support policy

For information on Dell support policy, search in the Knowledge Base Resource at www.dell.com/support.

ComfortView

⚠️ **WARNING: Prolonged exposure to blue light from the display may lead to long-term effects such as eye strain, eye fatigue, or damage to the eyes.**

Blue light is a color in the light spectrum which has a short wavelength and high energy. Chronic exposure to blue light, particularly from digital sources, may disrupt sleep patterns and cause long-term effects such as eye strain, eye fatigue, or damage to the eyes.

ComfortView mode can be enabled and configured using the Dell CinemaColor application.

ComfortView mode complies with TÜV Rheinland's requirement for low blue light software solutions.

Low blue light: Dell ComfortView software technology reduces harmful blue light emissions to make extended screen time easy on your eyes.

To reduce the risk of eye strain, it is also recommended that you:

● Position the display at a comfortable viewing distance between 20 and 28 inches (50 and 70 cm) from your eyes.
● Blink frequently to moisten your eyes, wet your eyes with water, or apply suitable eye drops.
● Look away from your display, and gaze at a distant object at 20 ft (609.60 cm) away for at least 20 seconds during each break.
● Take an extended break for 20 minutes every two hours.

ComfortView Plus

⚠️ **WARNING: Prolonged exposure to blue light from the display may lead to long-term effects such as eye strain, eye fatigue, or damage to the eyes.**

Blue light is a color in the light spectrum which has a short wavelength and high energy. Chronic exposure to blue light, particularly from digital sources, may disrupt sleep patterns and cause long-term effects such as eye strain, eye fatigue, or damage to the eyes.

The display on this computer is designed to minimize blue light and complies with TÜV Rheinland's requirement for low blue light hardware solutions.

Low blue light mode is enabled at the factory, so no further configuration is necessary.

To reduce the risk of eye strain, it is also recommended that you:

● Position the display at a comfortable viewing distance between 20 and 28 inches (50 and 70 cm) from your eyes.
● Blink frequently to moisten your eyes, wet your eyes with water, or apply suitable eye drops.
● Look away from your display, and gaze at a distant object at 20 ft (609.60 cm) away for at least 20 seconds during each break.
● Take an extended break for 20 minutes every two hours.