

Alienware Area-51

AAT2265

Setup and Specifications

Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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Views of Alienware Area-51 AAT2265

Front view



Figure 1. Front view

1. Power button (Alien head)

Press to turn on the computer when the computer is turned off, in sleep state, or in hibernate state.

When the computer is turned on, press the power button to put the computer into a sleep state. Press and hold the power button for 10 seconds to force shut-down the computer.

i **NOTE:** The power-button behavior can be customized in the operating system.

Back view

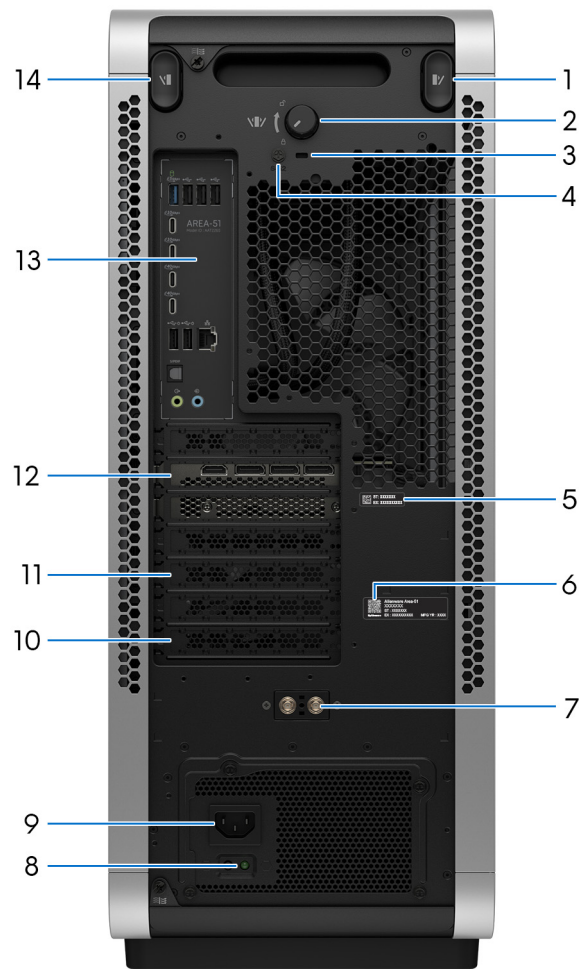


Figure 2. Back view

1. Left cover release button

Press the latch to quickly release the left cover from your computer.

2. Side cover knob

Rotate the side cover knob clockwise to unlock or counter clockwise to lock the knob.

3. Security-cable slot (for Kensington locks)

Connect a security cable to prevent unauthorized movement of your computer.

4. Security screw

The security screw secures the side cover knob to the chassis.

5. Service Tag/Express Service Code label

The Service Tag is a unique alphanumeric identifier that enables Dell service technicians to identify the hardware components in your computer and access warranty information. The Express Service Code is a numeric version of the Service Tag.

6. MyAlienware QR code

MyAlienware is your hub for content that is personalized to your Alienware Area-51 AAT2265, including videos, articles, manuals, and easy access to support.

7. External SMA antenna connectors

Connect the external antenna to improve the wireless communication strength and stability of your computer.

8. Power-supply diagnostics light

The power-supply diagnostics light indicates the power-supply state.

9. Power port

Connect a power cable to provide power to your computer.

10. PCI-Express x4 slot

Connect a PCI-Express card such as audio, network, or expansion card to enhance the capabilities of your computer.

11. PCI-Express x4 slot

Connect a PCI-Express card such as audio, network, or expansion card to enhance the capabilities of your computer.

12. PCI-Express x16

Connect a PCI-Express graphics card for optimal graphics performance.

13. Back panel

Connect USB, audio, video, and other devices.

14. Right cover release button

Press the latch to quickly release the right cover from your computer.

Back panel view

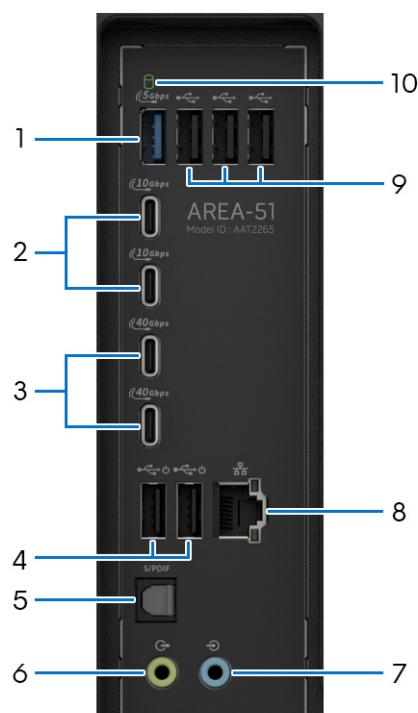


Figure 3. Back panel view

1. USB 3.2 Gen 1 (5 Gbps) port

Connect devices such as external storage devices and printers. This port provides data transfer speeds up to 5 Gbps.

2. USB 3.2 Gen 2 (10 Gbps) Type-C ports (2)

Connect devices such as external storage devices and printers. This port provides data transfer speeds up to 10 Gbps.

3. USB4 (40 Gbps) Type-C ports with DisplayPort Alt Mode and Power Delivery (2)

Connect devices such as external storage devices and printers and also enables you to connect to an external display using a display adapter. It also supports data transfer rates of up to 40 Gbps and power delivery of up to 15 W.

(i) NOTE: A USB Type-C to DisplayPort adapter (sold separately) is required to connect a DisplayPort device.

4. USB 2.0 (480 Mbps) ports with Smart Power On (2)

Connect devices such as external storage devices and printers. This port provides data transfer speeds up to 480 Mbps.

(i) NOTE: Deep Sleep is enabled by default. Disable Deep Sleep at the BIOS setup to enable Smart Power On feature on your computer.

(i) NOTE: Smart Power On is the ability to wake a computer from S0ix, S4, and S5 sleep states with a move of a mouse or press of a key on the keyboard.

(i) NOTE: This port does not support video or audio streaming or power delivery.

5. Optical S/PDIF port

Connect an amplifier, speakers, or a TV for digital audio output through an optical cable.

6. Line-out port

Connect audio-output devices such as speakers and amplifiers. In a 2.1 speaker channel setup, connect the left and right speakers. In a 5.1 or a 7.1 speaker channel setup, connect the front-left and front-right speakers.

7. Line-in port

Connect recording or playback devices such as a microphone or CD player.

8. RJ45 ethernet port (2.5 Gbps)

Connect an ethernet (RJ45) cable from a router or a broadband modem for network or Internet access.

The two lights next to the connector indicate the connectivity status and network activity.

9. USB 2.0 (480 Mbps) ports (3)

Connect devices such as external storage devices and printers. This port provides data transfer speeds up to 480 Mbps.

10. Hard-drive activity light

Indicates when the hard drive is active.

Top view

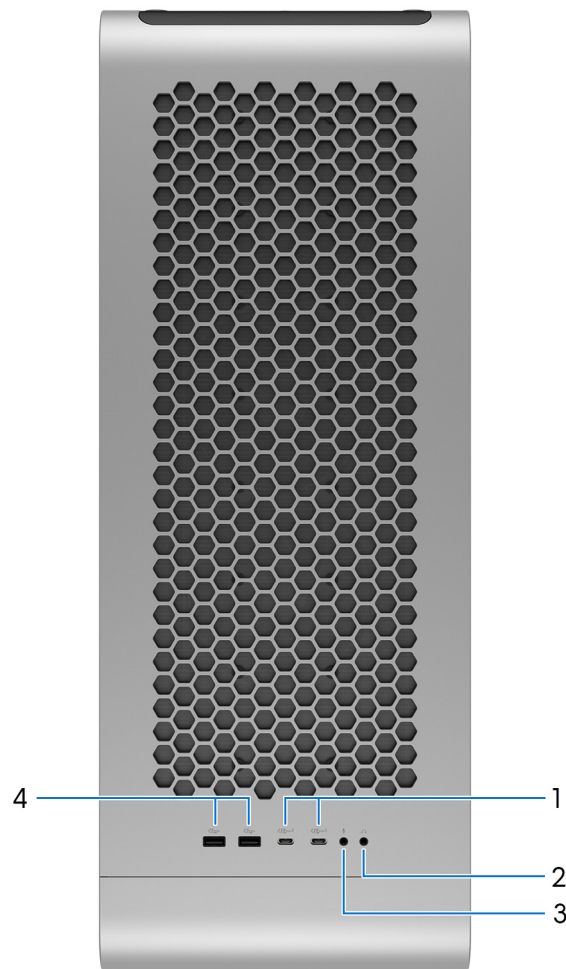


Figure 4. Top view

1. USB 3.2 Gen 2 (10 Gbps) Type-C ports with PowerShare (2)

Connect devices such as external storage devices, printers, and external displays.

The port provides data transfer speeds up to 10 Gbps. Supports up to 15 W power output that enables faster charging.

① **NOTE:** PowerShare enables you to charge your USB devices even when your computer is turned off.

① **NOTE:** If a USB device is connected to the PowerShare port before the computer is turned off or in hibernate state, you must disconnect and connect it again to enable charging.

2. Audio output/headphone

Connect headphones or speakers.

3. Audio input/microphone

Connect an external microphone to provide sound input.

4. USB 3.2 Gen 1 (5 Gbps) ports (2)

Connect devices such as external storage devices and printers. Supports data transfer speeds up to 5 Gbps.

Locate the Service Tag or Express Service Code label of your computer

The service tag is a unique alphanumeric identifier that allows Dell service technicians to identify the hardware components in your computer and access warranty information. The Express Service Code is a numeric version of the Service Tag.

For more information about how to find the Service Tag of your computer, search in the Knowledge Base Resource at the [Dell Support Site](#).



Figure 5. Service Tag/Express Service Code location

Set up your Alienware Area-51 AAT2265

About this task

- NOTE:** The images in this document may differ from your computer depending on the configuration you ordered.
- NOTE:** Depending on the graphics card purchased, your computer may be shipped with a midholder. The midholder is designed to prevent damage to the graphics card and PCIe holder on the system board during shipping. Remove the midholder from the computer before you turn on the computer.

Steps

1. Remove the safety screw with Philips screwdriver PH2 and rotate the knob clockwise to unlock the knob.

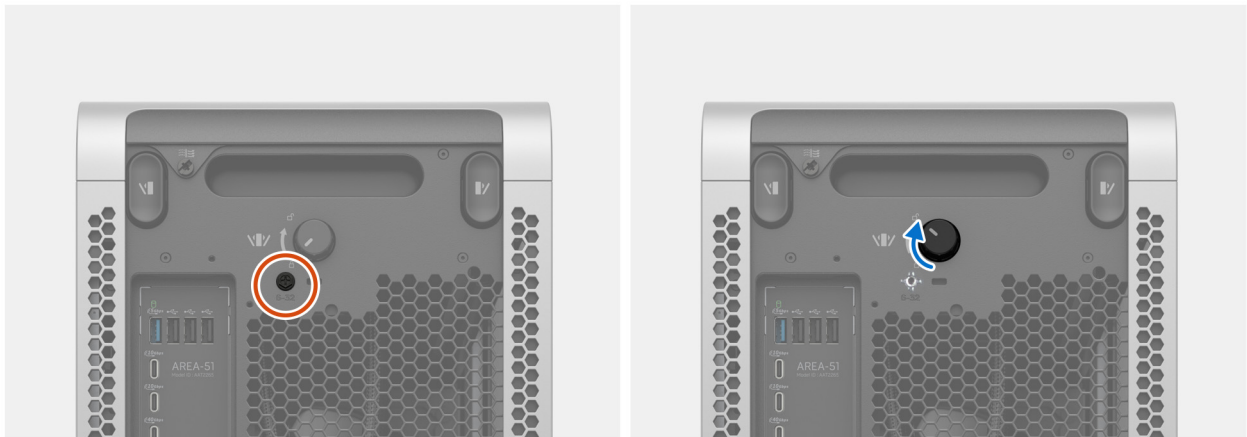


Figure 6. Removing the safety screw and rotating the knob with Philips screwdriver PH2

2. Press the release button on the left side of the chassis and lift the left cover away from the chassis. Place the left cover in a safe place to avoid damage to the glass.



Figure 7. Removing the left cover

3. Remove the midholder away from the PCIe fan that secures the graphics card in place.



Figure 8. Removing the midholder

NOTE: Store your midholder safely. During transportation, including servicing or returning the computer, ensure that the midholder is installed.

4. Align the tabs on the left cover with the slots on the chassis. Then, tilt the left cover towards the computer until it clicks into place.



Figure 9. Installing the left cover

5. Turn the knob counterclockwise until it locks. Then, secure the knob by replacing the safety screw with the Philip screwdriver PH2.

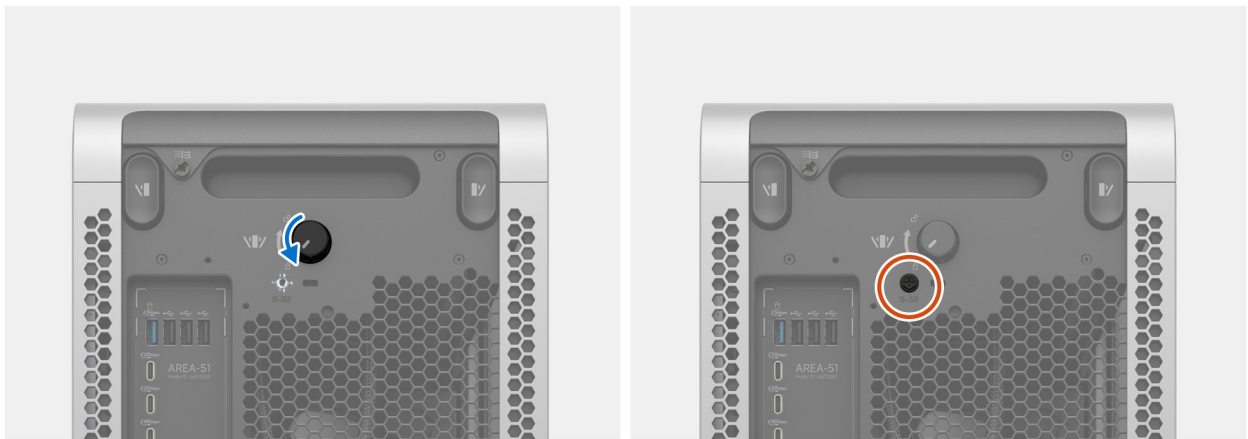


Figure 10. Turning the knob and replacing the safety screw

6. Connect the wired keyboard and mouse to the available ports. To connect a wireless keyboard and mouse, see the instructions on how to connect in the documentation that ships with the wireless keyboard and mouse.

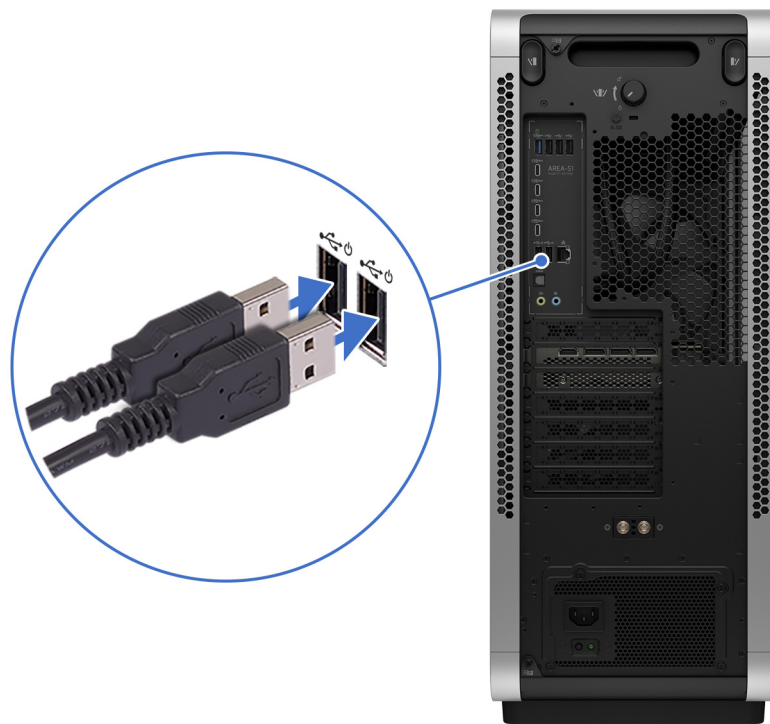


Figure 11. Connecting the wired keyboard and mouse

7. Connect to your network using an Ethernet cable.

Wired network:

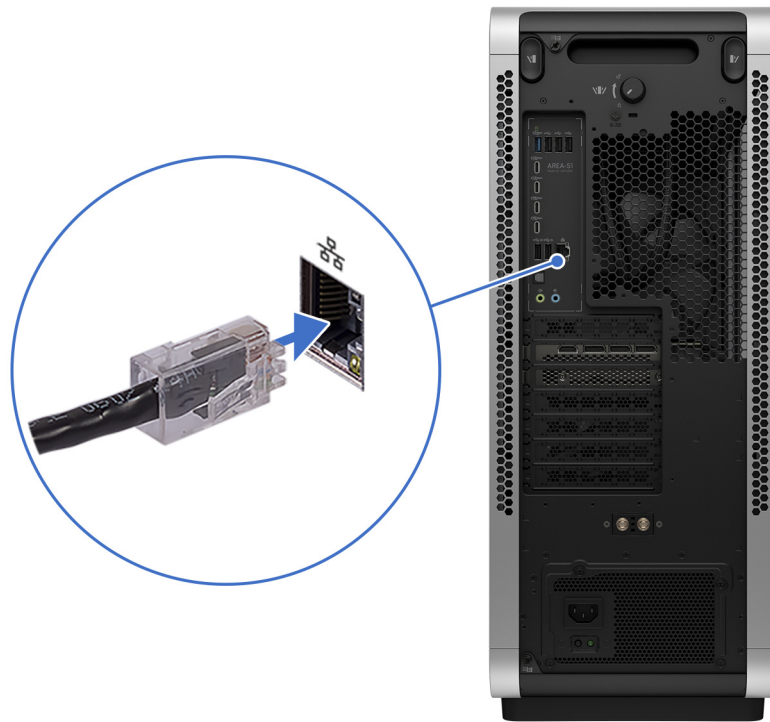


Figure 12. Connecting the Ethernet cable

Wireless network:

This computer is shipped with an external puck antenna. Connect the external antenna during setup, to connect to WiFi and Bluetooth. The external antenna is required to improve the wireless communication strength and stability, while setting up your operating system. To connect the SMA cables, follow the below procedure:

- a. Align and connect the SMA cables to the SMA connectors on the chassis.
- b. Tighten the bolts to secure the SMA cables to the SMA connectors on the chassis.

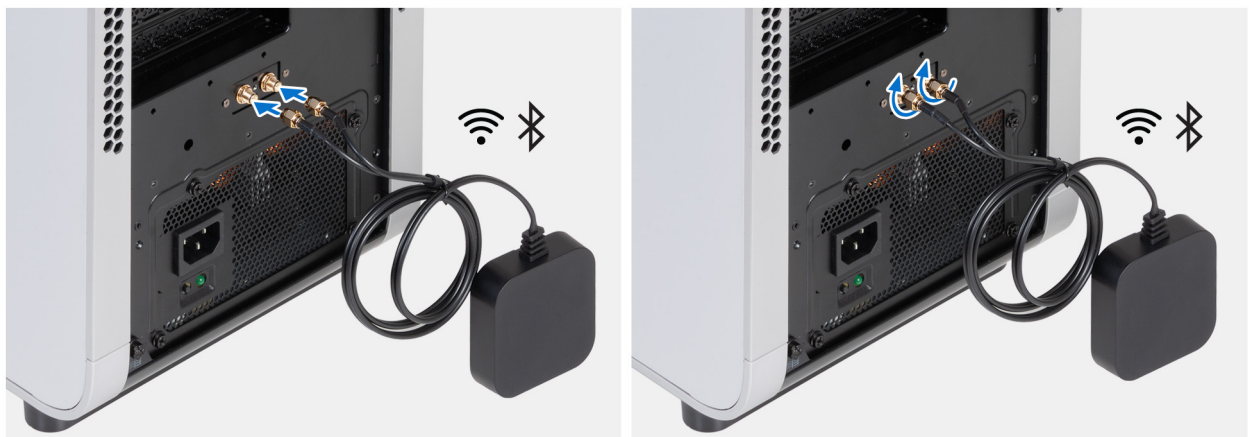


Figure 13. Connecting the external antenna

- c. Place the antenna in a suitable location.



Figure 14. Placing the antenna in a suitable location

8. Connect the display. For more information about setting up the display, see the documentation that is shipped with your display.



Figure 15. Connecting the display

9. Connect the power cable to the computer and then connect it to the wall outlet.



Figure 16. Connecting the power cable

10. Press the power button at the front of the computer to turn on the computer.



Figure 17. Pressing the power button

Specifications of Alienware Area-51 AAT2265

Dimensions and weight

The following table lists the height, width, depth, and weight of your Alienware Area-51 AAT2265.

Table 1. Dimensions and weight

Description	Values
Front Height	569 mm (22.40 in.)
Rear Height	569 mm (22.40 in.)
Width	231.60 mm (9.12 in.)
Depth	610.50 mm (24.04 in.)
Weight (maximum)  NOTE: The weight of your computer depends on the configuration that is ordered and manufacturing variability.	34.50 kg (76.10 lb)

Processor

The following table lists the details of the processors that are supported on your Alienware Area-51 AAT2265.

Table 2. Processor

Description	Option one	Option two	Option three	Option four
Processor type	AMD Ryzen 7 9700X	AMD Ryzen 7 9800X3D	AMD Ryzen 9 9950X3D	AMD Ryzen 7 9850X3D
Processor wattage	65 W	120 W	170 W	120 W
Processor total core count	8	8	16	8
Processor total thread count	16	16	32	16
Processor speed	Up to 5.5 GHz Max Boost Clock	Up to 5.2 GHz Max Boost Clock	Up to 5.7 GHz Max Boost Clock	Up to 5.6 GHz Max Boost Clock
Processor L3 cache	32 MB	96 MB	128 MB	96 MB
Integrated graphics	AMD Radeon Graphics	AMD Radeon Graphics	AMD Radeon Graphics	AMD Radeon Graphics

Chipset

The following table lists the details of the chipset that is supported on your Alienware Area-51 AAT2265.

Table 3. Chipset

Description	Values
Chipset	AMD X870E
Processor	• AMD Ryzen 7 9700X • AMD Ryzen 7 9800X3D • AMD Ryzen 9 9950X3D • AMD Ryzen 7 9850X3D

Table 3. Chipset (continued)

Description	Values
DRAM bus width	128-bit
Flash EPROM	32 MB
PCIe bus	Up to Gen4

Operating system

Your Alienware Area-51 AAT2265 supports the following operating systems:

- Windows 11 Home
- Windows 11 Pro

Memory

The following table lists the memory specifications that are supported on your Alienware Area-51 AAT2265.

Table 4. Memory specifications

Description	Values
Memory slots	Two UDIMM slots
Memory type	Dual-channel DDR5
Memory speed	6400 MT/s
Maximum memory configuration	64 GB
Minimum memory configuration	32 GB
Memory size per slot	16 GB or 32 GB
Memory configurations supported	• 32 GB: 2 x 16 GB, DDR5, 6400 MT/s, dual-channel, XMP • 64 GB: 2 x 32 GB, DDR5, 6400 MT/s, dual-channel, XMP NOTE: The maximum speed of XMP must be enabled in BIOS or AWCC. Only Dell Certified Kingston XMP memory is supported.

Ports and connectors

The following table lists the external and internal ports available on your Alienware Area-51 AAT2265.

Table 5. External ports and connectors

Description	Values
Network	One RJ45 ethernet port (2.5 Gbps)
USB	Rear ports • Three USB 2.0 (480 Mbps) ports • Two USB 2.0 (480 Mbps) ports with Smart Power On • One USB 3.2 Gen 1 (5 Gbps) port • Two USB 3.2 Gen 2 (10 Gbps) Type-C ports • Two USB4 (40 Gbps) Type-C ports with DisplayPort Alt Mode and Power Delivery Top ports

Table 5. External ports and connectors (continued)

Description	Values
	- Two USB 3.2 Gen 2 (10 Gbps) Type-C ports with PowerShare - Two USB 3.2 Gen 1 (5 Gbps) ports
Audio	Top ports - One audio output/headphone - 3.5 mm - One audio input/microphone - 3.5 mm Rear ports - One optical S/PDIF port - One line-in port - 3.5 mm, 2 stack - One line-out port - 3.5 mm, 2 stack
Video	Supported through discrete GPU
Media card reader	Not supported
Power port	110 V/220 V
Security	One security-cable slot (wedge-shaped)

Table 6. Internal ports and connectors

Description	Values
PCIe expansion card slots	- One PCIe x16 mechanical/x16 electrical Gen5 slot - One PCIe Gen4 x4 slot - One PCIe Gen3 x4 slot
mSATA	Not supported
SATA	Three
M.2	Three M.2 card slots supporting 2230 or 2280 solid state drives NOTE: To learn more about the features of different types of M.2 cards, see the Knowledge Base resource at the Dell Support Site. NOTE: The M.2 2230 SSD, 3.5-inch hard drive, and 2.5-inch hard drive are sold separately.

Ethernet

The following table lists the wired Ethernet Local Area Network (LAN) specifications on your Alienware Area-51 AAT2265.

Table 7. Ethernet specifications

Description	Values
Model number	Realtek RTL8125BG Ethernet controller integrated on the system board
Transfer rate	10/100/1000/2500 Mbps

Wireless module

The following table lists the Wireless Local Area Network (WLAN) module specifications on your Alienware Area-51 AAT2265.

Table 8. Wireless module specifications

Description	Values
Model number	MediaTek Wi-Fi 7 MT7925
Transfer rate	Up to 2882 Mbps
Frequency bands supported	2.4 GHz/5 GHz/6 GHz
Wireless standards	• Wi-Fi 802.11a/b/g • Wi-Fi 4 (Wi-Fi 802.11n) • Wi-Fi 5 (Wi-Fi 802.11ac) • Wi-Fi 6E (Wi-Fi 802.11ax) • Wi-Fi 7 (Wi-Fi 802.11be)
Encryption	• 64-bit/128-bit WEP • AES-CCMP • TKIP
Bluetooth wireless card	Bluetooth 5.4 wireless card
 NOTE: The version of the Bluetooth wireless card may vary depending on the operating system that is installed on your computer.  NOTE: Connect the external puck antenna shipped with your computer to enable wireless and Bluetooth connection.	

Audio

The following table lists the audio specifications on your Alienware Area-51 AAT2265.

Table 9. Audio specifications

Description	Values
Audio type	Integrated 5.1 channel audio with S/PDIF port
Audio controller	Realtek ALC1220
Internal audio interface	High-definition audio interface
External audio interface	• 5.1 channel output - optical S/PDIF • Line-in/Line-out ports • Line-out/Microphone-in ports

Storage

This section lists the storage options on your Alienware Area-51 AAT2265.

Your Alienware Area-51 AAT2265 supports one of the following storage configurations:

- Up to three M.2 2280 PCIe NVMe SSD
- Up to three M.2 2280 PCIe NVMe SSD + one 3.5-inch hard drive
- Up to three M.2 2280 PCIe NVMe SSD + two 2.5-inch hard drive
- Up to three M.2 2280 PCIe NVMe SSD + one 3.5-inch hard drive + one 2.5-inch hard drive

 **NOTE:** The M.2 2230 SSD, 3.5-inch hard drive, and 2.5-inch hard drive are sold separately.

Table 10. Storage specifications

Storage type	Interface type	Capacity	Slots supported
One M.2 2280 SSD	PCIe Gen5 x4 NVMe, up to 64 Gbps	Up to 2 TB	Slot 1 (Boot drive)
Two M.2 2280 SSD	PCIe Gen4 x4 NVMe, up to 64 Gbps	Up to 4 TB	Slot 1 (Boot drive), Slot 2, and Slot 3

Power ratings

The following table lists the power rating specifications on your Alienware Area-51 AAT2265.

For optimal performance and safety, follow the below guidelines when using your computer:

- Always use the original power cable shipped with your computer to ensure compatibility and safety.
- To ensure the proper functioning of your computer, do not exceed the recommended maximum load as this may damage the computer. If you are using circuit breakers, it is recommended to use greater than or equal to 20 A.
- For reliable operation, consider isolating the computer from other devices on the same circuit to minimize interference and prevent overloading.
- To maintain optimal performance and reduce the risk of issues, it is recommended to plug the computer directly into a wall outlet instead of using an extension cord.

Table 11. Power ratings

Description	Option one	Option two
Type	850 W	1500 W
Input voltage	90 VAC–264 VAC	90 VAC–264 VAC
Input frequency	47 Hz–63 Hz	47 Hz–63 Hz
Input current (maximum)	11.50 A	13.50 A
Output current (continuous)	12 V1/24 A, 12 V2/36 A, 12 V3/40 A, 12 VSB/5 A	12 V1/32 A, 12 V2/44 A, 12 V3/90 A, 12 VSB/5 A
Rated output voltage	12 V1, 12 V2, 12 V3, 12 VSB	12 V1, 12 V2, 12 V3, 12 VSB
Operating temperature range	5°C–45°C (41°F–113°F)	5°C–45°C (41°F–113°F)
Storage temperature range	–40°C–70°C (–40°F–158°F)	–40°C–70°C (–40°F–158°F)

GPU—Discrete

The following table lists the detailed discrete graphics specifications on your Alienware Area-51 AAT2265.

Table 12. Discrete graphics specifications

Controller	External display support	Memory size	Memory type	Total Board Power	Minimum required PSU
NVIDIA GeForce RTX 5070	• Three DisplayPort 2.1b ports • One HDMI 2.1b port	12 GB	GDDR7	250 W	850 W
NVIDIA GeForce RTX 5070 Ti	• Three DisplayPort 2.1b ports • One HDMI 2.1b port	16 GB	GDDR7	285 W	850 W
NVIDIA GeForce RTX 5080	• Three DisplayPort 2.1b ports • One HDMI 2.1b port	16 GB	GDDR7	360 W	850 W

Table 12. Discrete graphics specifications (continued)

Controller	External display support	Memory size	Memory type	Total Board Power	Minimum required PSU
NVIDIA GeForce RTX 5090	- Three DisplayPort 2.1b ports - One HDMI 2.1b port	32 GB	GDDR7	575 W	1500 W
NOTE: Total Board Power is the total power consumption of a graphics card, including the graphics processing unit, memory, voltage regulators, and other components like fans and lights, that is drawn from the power supply unit to support the overall functionality of the graphics card.					

Video port resolution

The following table lists the video port resolution for your Alienware Area-51 AAT2265.

- NOTE:** For proper functioning of four monitors on your computer with the below graphic cards, ensure that the display pixel clock speed remains below 1335 MHz. If the pixel clock speed of one display exceeds 1335 MHz, only three monitors are displayed. Similarly, if the pixel clock speed on two or more monitors exceed 1335 MHz, a maximum of two monitors are displayed.
- NOTE:** The computer is equipped with a Thunderbolt 4 port that supports DisplayPort functionality. However, since the computer always has a discrete graphics card that is installed, the primary video detection sequence is set to prioritize the discrete graphics card. Therefore, when a monitor is connected to the onboard Thunderbolt 4 port, it will not be displayed in the pre-boot environment (BIOS setup and shell mode).

Table 13. Video port resolution

Graphics card	Video ports	Maximum supported resolution
NVIDIA GeForce RTX 5070	- Three DisplayPort 2.1b¹ - One HDMI 2.1b port	DisplayPort: 7680 x 4320 at 120 Hz^{2,6} 7680 x 4320 at 60 Hz^{3,6} 7680 x 4320 at 60 Hz^{3,5} 5120 x 3200 at 60 Hz³ 5120 x 2880 at 60 Hz³ 3840 x 2160 at 120 Hz^{3,4} 3840 x 2160 at 144 Hz³ HDMI: 7680 x 4320 at 60 Hz 3840 x 2160 at 120 Hz 4096 x 2160 at 120 Hz
NVIDIA GeForce RTX 5070 Ti	- Three DisplayPort 2.1b¹ - One HDMI 2.1b port	DisplayPort: 7680 x 4320 at 120 Hz^{2,6} 7680 x 4320 at 60 Hz^{3,6} 7680 x 4320 at 60 Hz^{3,5} 5120 x 3200 at 60 Hz³ 5120 x 2880 at 60 Hz³ 3840 x 2160 at 120 Hz^{3,4} 3840 x 2160 at 144 Hz³ HDMI: 7680 x 4320 at 60 Hz 3840 x 2160 at 120 Hz 4096 x 2160 at 120 Hz
NVIDIA GeForce RTX 5080	- Three DisplayPort 2.1b¹ - One HDMI 2.1b port	DisplayPort: 7680 x 4320 at 120 Hz^{2,6} 7680 x 4320 at 60 Hz^{3,6}

Table 13. Video port resolution (continued)

Graphics card	Video ports	Maximum supported resolution
		• 7680 x 4320 at 60 Hz^{3,5} • 5120 x 3200 at 60 Hz³ • 5120 x 2880 at 60 Hz³ • 3840 x 2160 at 120 Hz^{3,4} • 3840 x 2160 at 144 Hz³ HDMI: • 7680 x 4320 at 60 Hz • 3840 x 2160 at 120 Hz • 4096 x 2160 at 120 Hz
NVIDIA GeForce RTX 5090	• Three DisplayPort 2.1b¹ • One HDMI 2.1b port	DisplayPort: • 7680 x 4320 at 120 Hz^{2,6} • 7680 x 4320 at 60 Hz^{3,6} • 7680 x 4320 at 60 Hz^{3,5} • 5120 x 3200 at 60 Hz³ • 5120 x 2880 at 60 Hz³ • 3840 x 2160 at 120 Hz^{3,4} • 3840 x 2160 at 144 Hz³ HDMI: • 7680 x 4320 at 60 Hz • 3840 x 2160 at 120 Hz • 4096 x 2160 at 120 Hz

¹ Depending on GPU resources applied to the port.
² Using DSC compression.
³ Uncompressed.
⁴ Requires >= UHBR10.
⁵ Requires >= UHBR20.
⁶ Requires >= UHBR13.5.

Graphics card dimensions

Table 14. Graphics card dimensions

Graphics card	Height	Width (slot)	Weight	Length
NVIDIA RTX 5070	115.15 mm (4.53 in.)	2.5x	1.08 kg (2.38 lb)	305 mm (12 in.)
NVIDIA RTX 5070 Ti	134.45 mm (5.29 in.)	2.5x	1.44 kg (3.17 lb)	305 mm (12 in.)
NVIDIA RTX 5080	134.45 mm (5.29 in.)	2.5x	1.44 kg (3.17 lb)	305 mm (12 in.)
NVIDIA RTX 5090	152 mm (5.98 in.)	3x	1.94 kg (4.28 lb)	305 mm (12 in.)

NOTE: Service warranty is provided only for graphics cards that are shipped with your ordered configuration.

Operating and storage environment

The following table lists the operating and storage specifications on your Alienware Area-51 AAT2265.

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

Table 15. Operating and storage environment

Description	Operating	Storage
Temperature range	0°C–35°C (32°F–95°F)	–40°C–65°C (–40°F–149°F)
Relative humidity (maximum)	10%–90% (non-condensing)	0%–95% (non-condensing)
Vibration (maximum)*	0.66 GRMS	1.30 GRMS
Shock (maximum)	110 G†	160 G†
Altitude range	–15.2 m–3048 m (–49.87 ft–10,000 ft)	–15.2 m–10,668 m (–49.87 ft–35,000 ft)
 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 the user environment.

† Measured using a 2 ms half-sine pulse.

Thermal solution matrix

Table 16. Thermal solution matrix for 120 W and 170 W processors

Processor		AMD Ryzen 7 9800X3D	AMD Ryzen 9 9950X3D	AMD Ryzen 7 9850X3D
Power supply		1500 W ATX12V Platinum	1500 W ATX12V Platinum	1500 W ATX12V Platinum
Graphics card power consumption		Up to 600 W	Up to 600 W	Up to 600 W
Graphics card		• RTX 5070 • RTX 5070 Ti • RTX 5080 • RTX 5090	• RTX 5070 • RTX 5070 Ti • RTX 5080 • RTX 5090	• RTX 5070 • RTX 5070 Ti • RTX 5080 • RTX 5090
Processor cooler type		• 240 mm Liquid Cooler • 360 mm Liquid Cooler	360 mm Liquid Cooler	• 240 mm Liquid Cooler • 360 mm Liquid Cooler
Fan name	Fan connector location on system board			
Liquid cooler "pump"	PWR PUMP	• 240 mm Liquid Cooler¹ • 360 mm Liquid Cooler²	360 mm Liquid Cooler ²	360 mm Liquid Cooler ²
Top Fan 1 (120 mm)	FAN1	• 240 mm Liquid Cooler¹ • 360 mm Liquid Cooler²	360 mm Liquid Cooler ²	360 mm Liquid Cooler ²
Top Fan 2 (120 mm)	FAN2	• 240 mm Liquid Cooler¹ • 360 mm Liquid Cooler²	360 mm Liquid Cooler ²	360 mm Liquid Cooler ²
Top Fan 3 (120 mm)	FAN3	360 mm Liquid Cooler ²	360 mm Liquid Cooler ²	360 mm Liquid Cooler ²
Front Fan (180 mm RGB)	FAN4	Yes	Yes	Yes
Front Fan (180 mm RGB)	FAN5	Yes	Yes	Yes
Bottom Fan 1 (140 mm RGB)	FAN6	Yes	Yes	Yes
Bottom Fan 2 (140 mm RGB)	FAN7	Yes	Yes	Yes

¹ 240 mm Liquid Cooler Module integrates with a water pump (Connector: PWR PUMP) and two 120 mm top fans with radiator.

² 360 mm Liquid Cooler Module integrates with a water pump (Connector: PWR PUMP) and three 120 mm top fans with radiator.

Table 17. Thermal solution matrix for 65 W processors

Processor		AMD Ryzen 7 9700X	AMD Ryzen 7 9700X
Power supply		850 W ATX12V Gold	1500 W ATX12V Platinum
Graphics card power consumption		Up to 350 W	Up to 600 W
Graphics card		• RTX 5070 • RTX 5070 Ti • RTX 5080	• RTX 5070 • RTX 5070 Ti • RTX 5080 • RTX 5090
Processor cooler type		• 240 mm Liquid Cooler • 360 mm Liquid Cooler	• 240 mm Liquid Cooler • 360 mm Liquid Cooler

Table 17. Thermal solution matrix for 65 W processors (continued)

Processor		AMD Ryzen 7 9700X	AMD Ryzen 7 9700X
Fan name	Fan connector location on system board		
Liquid cooler "pump"	PWR PUMP	• 240 mm Liquid Cooler¹ • 360 mm Liquid Cooler²	• 240 mm Liquid Cooler¹ • 360 mm Liquid Cooler²
Top Fan 1 (120 mm)	FAN1	• 240 mm Liquid Cooler¹ • 360 mm Liquid Cooler²	• 240 mm Liquid Cooler¹ • 360 mm Liquid Cooler²
Top Fan 2 (120 mm)	FAN2	• 240 mm Liquid Cooler¹ • 360 mm Liquid Cooler²	• 240 mm Liquid Cooler¹ • 360 mm Liquid Cooler²
Top Fan 3 (120 mm)	FAN3	360 mm Liquid Cooler ²	360 mm Liquid Cooler ²
Front Fan (180 mm RGB)	FAN4	Yes	Yes
Front Fan (180 mm RGB)	FAN5	Yes	Yes
Bottom Fan 1 (140 mm RGB)	FAN6	Yes	Yes
Bottom Fan 2 (140 mm RGB)	FAN7	Yes	Yes
¹ 240 mm Liquid Cooler Module integrates with a water pump (Connector: PWR PUMP) and two 120 mm top fans with radiator. ² 360 mm Liquid Cooler Module integrates with a water pump (Connector: PWR PUMP) and three 120 mm top fans with radiator.			

Alienware Command Center

Alienware Command Center (AWCC) provides a single interface to customize and enhance the gaming experience. The AWCC dashboard displays most recently played or added games, and provides game-specific information, themes, profiles, and access to computer settings. You can quickly access settings such as game-specific profiles and themes, lighting, macros, and audio that are critical to the gaming experience.

AWCC also supports AlienFX 2.0. AlienFX enables you to create, assign, and share game-specific lighting maps to enhance the gaming experience. It also enables you to create your own customized lighting effects and apply them to the computer or attached peripherals. AWCC embeds Peripheral Controls to ensure a unified experience and the ability to link these settings to your computer or game.

This computer features the following AlienFX lighting zones:

- Alienware wordmark
- RGB ambient chassis lighting
- Alien head power button
- Left side stadium light
- Front fans (2)
- Bottom fans (2)
- Liquid cooler pump cap

 **NOTE:** Information about the location of AlienFX lighting zones on your computer is available in AWCC.

AWCC supports the following features:

- FX: Create and manage the AlienFX zones.
- Fusion: Fusion includes the ability to adjust game-specific Power Management, Sound Management, and Thermal Management features.
- Peripheral Management: Peripheral Management enables peripherals to appear in and be managed in Alienware Command Center. Supports key peripheral settings and associates with other functions such as profiles, macros, AlienFX, and game library.

AWCC also supports Sound Management, Thermal Controls, CPU, GPU, and Memory (RAM) monitoring. For more information about AWCC, see the *Alienware Command Center Online Help* or search in the Knowledge Base Resource at [Dell Support Site](#).

Alienware Area-51 AAT2265 lighting zones

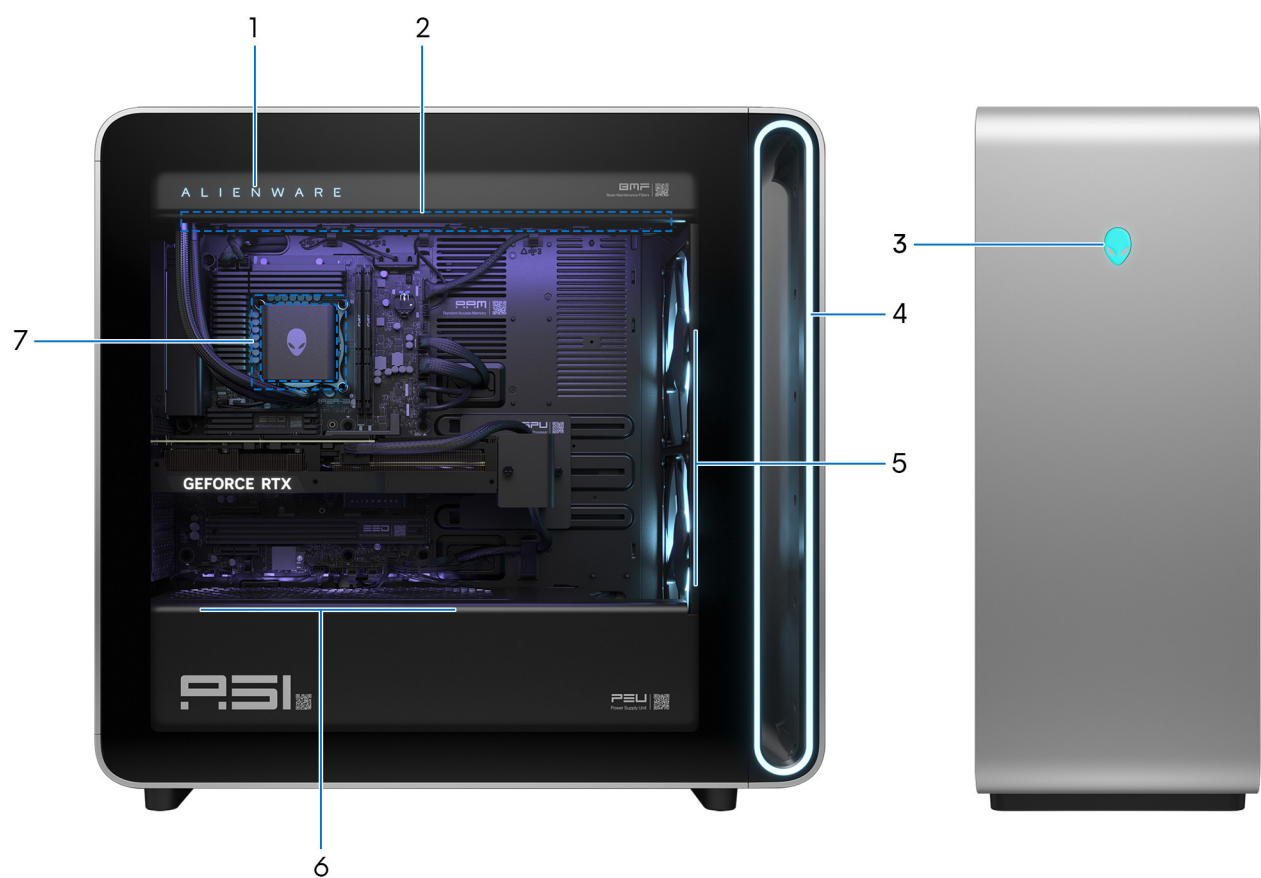


Figure 18. Alienware Area-51 AAT2265 lighting zones

Table 18. Alienware Area-51 AAT2265 lighting zones

Callout	Description
1	Alienware wordmark
2	RGB ambient chassis lighting
3	Alien head power button
4	Left side stadium light
5	Front fans (2)
6	Bottom fans (2)
7	Liquid cooler pump cap

Getting help and contacting Alienware

Self-help resources

You can get information and help on Alienware products and services using these online self-help resources:

Table 19. Alienware products and online self-help resources

Self-help resources	Resource location
Information about Alienware products and services	Alienware Support Site
Contact Support	In Windows search, type Contact Support , and press Enter .
Online help for operating system	Windows Support Site
Access top solutions, diagnostics, drivers and downloads, and learn more about your computer through videos, manuals, and documents.	Your Alienware computer is uniquely identified by a Service Tag or Express Service Code. To view relevant support resources for your Dell computer, enter the Service Tag or Express Service Code at Dell Support Site . For more information about how to find the Service Tag for your computer, see Instructions on how to find your Service Tag or Serial Number .
Videos providing step-by-step instructions to service your computer.	Alienware Support Channel

Contacting Alienware

To contact Alienware for sales, technical support, or customer service issues, see [Alienware Support Site](#).

- ⓘ

NOTE: Availability of the services may vary depending on the country or region, and product.
- ⓘ

NOTE: If you do not have an active Internet connection, you can find contact information in your purchase invoice, packing slip, bill, or Dell product catalog.

Revision history

Tracks all updates that are made to the document. It typically includes the date of change, version number, and a brief description of the modification. This log helps maintain transparency, accountability, and a clear timeline of progress.

Table 20. Revision history

Revision	Date	Description
A00	11-18-2025	Original publish date.
A01	12-01-2025	Updated processor specification.
A02	01-29-2026	• Updated processor specification. • Updated chipset specification. • Updated thermal solution matrix.