

Alienware Alpha



Views

Specifications

NOTE: The images in this document may differ from your computer depending on the configuration you ordered.

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2014 - 09 Rev. A00

Regulatory model: D07U | Type: D07U001

Computer model: Alienware Alpha

ALIENWARE 



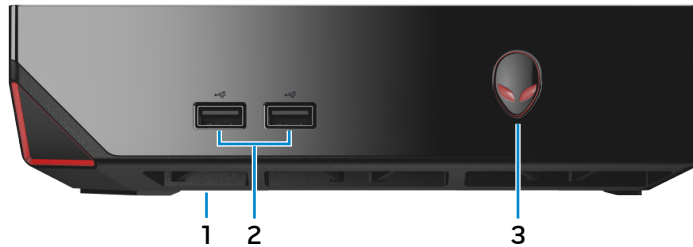
Front



Front



Back



1 USB 2.0 port (beneath USB port cover)

Connect a Bluetooth/wireless receiver for wireless keyboard, mouse, and so on.

2 USB 2.0 ports (2)

Connect peripherals such as storage devices, printers, and so on. Provide data transfer speeds up to 480 Mbps.

3 Power button

Press to turn on the computer if it is turned off or in sleep state.

Press to shut down the computer if it is turned on.

Press and hold for 4 seconds to force shut-down the computer.

NOTE: You can customize the power-button behavior in Power Options. For more information, see *Me and My Dell* at [dell.com/support](https://www.dell.com/support).



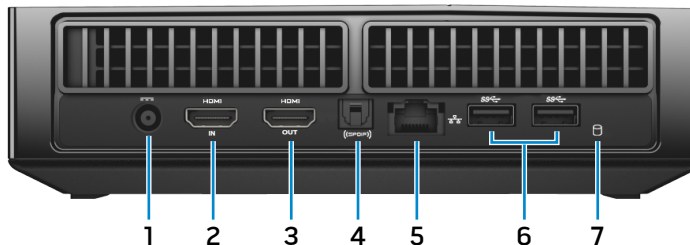
Back



Front



Back



1 Power-adaptor port

Connect a power adapter to provide power to your computer.

2 HDMI-in port

Connect a gaming console, Blu-ray player, or other HDMI-out enabled devices.

3 HDMI-out port

Connect a monitor, TV, or other HDMI-in enabled devices. Provides video and audio output.

4 Optical S/PDIF port

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

5 Network port

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

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

6 USB 3.0 ports (2)

Connect peripherals such as storage devices, printers, and so on. Provide data transfer speeds up to 5 Gbps.

7 Hard-drive activity light

Turns on when the computer reads from or writes to the hard drive.

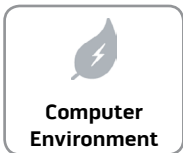
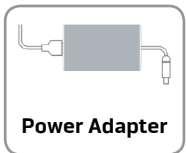
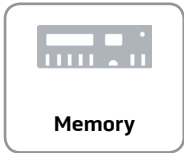
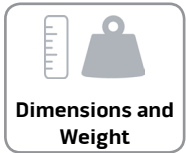


Specifications

Dimensions and Weight

Height	55 mm (2.17 in)
Width	200 mm (7.87 in)
Depth	200 mm (7.87 in)
Weight (maximum)	1.81 kg (4 lb)

NOTE: The weight of your computer varies depending on the configuration ordered and the manufacturing variability.






Specifications

System Information


Computer model	Alienware Alpha
Processor	<ul style="list-style-type: none">4th Generation Intel Dual Core i34th Generation Intel Quad Core i54th Generation Intel Quad Core i7
Chipset	Intel H81
DMI speed	5.0 GT/s
Processor data width	64 bits



Dimensions and Weight



System Information



Memory




Ports and Connectors



Communications




Video



Audio



Storage



Power Adapter



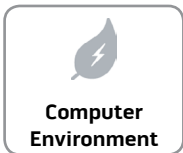
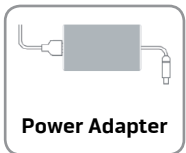
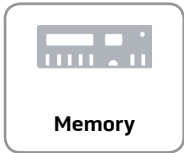
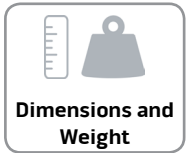
Computer Environment



Specifications

Memory

Connector	Two SODIMM slots
Type	DDR3L
Speed	1600 MHz
Configurations supported	2 GB, 4 GB, 8 GB, and 16 GB





Specifications

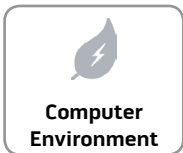
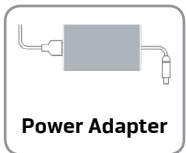
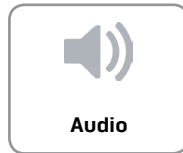
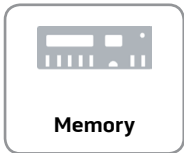
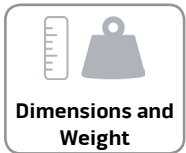
Ports and Connectors

External:

Network	One RJ45 port
USB	<ul style="list-style-type: none">• Three USB 2.0 ports• Two USB 3.0 ports
Video/Audio	<ul style="list-style-type: none">• One optical S/PDIF port• One HDMI-in port• One HDMI-out port

Internal:

M.2	One M.2 card slot for WLAN and Bluetooth
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Specifications

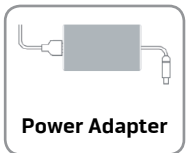
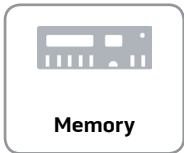
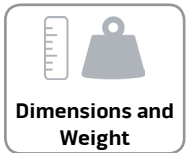
Communications

Ethernet

10/100/1000 Mbps Realtek RTL8151 Ethernet controller integrated on system board

Wireless

- Wi-Fi 802.11 a/g/n
- Wi-Fi 802.11 a/g/n/ac
- Bluetooth 4.0






Specifications

Video


Controller	NVIDIA GeForce GPU
Memory	2 GB GDDR5



Dimensions and Weight



System Information



Memory




Ports and Connectors



Communications




Video




Audio



Storage



Power Adapter



Computer Environment

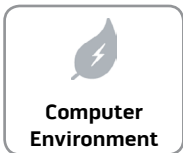
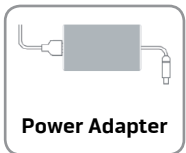
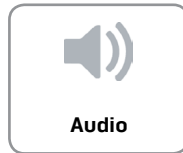
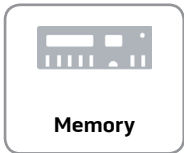
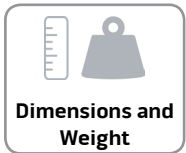


Specifications

Audio

Controller

- Intel HD Audio
- Realtek ALC3220 for optical S/PDIF output

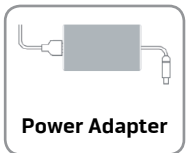
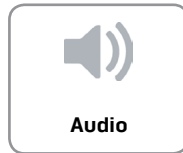
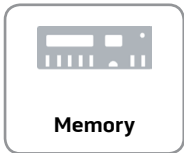
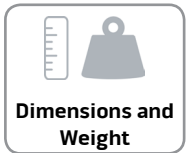




Specifications

Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive

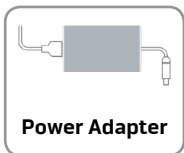
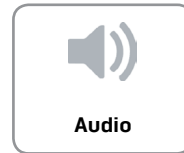
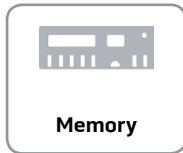
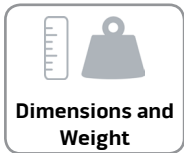




Specifications

Power Adapter

Type	130 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Output current	6.70 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)






Specifications

Computer Environment

Airborne contaminant level	G2 or lower as defined by ISA-S71.04-1985	
	Operating	Storage
Temperature range	5°C to 35°C (41°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)*	0.26 GRMS	1.37 GRMS
Shock (maximum)	40 G for 2 ms with a change in velocity of 20 in/s (51 cm/s) [†]	105 G for 2 ms with a change in velocity of 52.5 in/s (133 cm/s)
Altitude (maximum)	-15.24 m to 3048 m (-50 ft to 10,000 ft)	-15.24 m to 10,668 m (-50 ft to 35,000 ft)

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


† Measured using a 2 ms half-sine pulse when the hard drive is in use.



Dimensions and Weight



System Information



Memory




Ports and Connectors



Communications




Video




Audio



Storage



Power Adapter



Computer Environment