DELL INSPIRON 3847

Views

Specifications

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

Views

Front

Front

Back

Back panel

Optical-drive cover

Microphone port

USB 2.0 ports (2)

Headphone port

Power button

Optical-drive eject button

Media-card reader

Hard-drive activity light
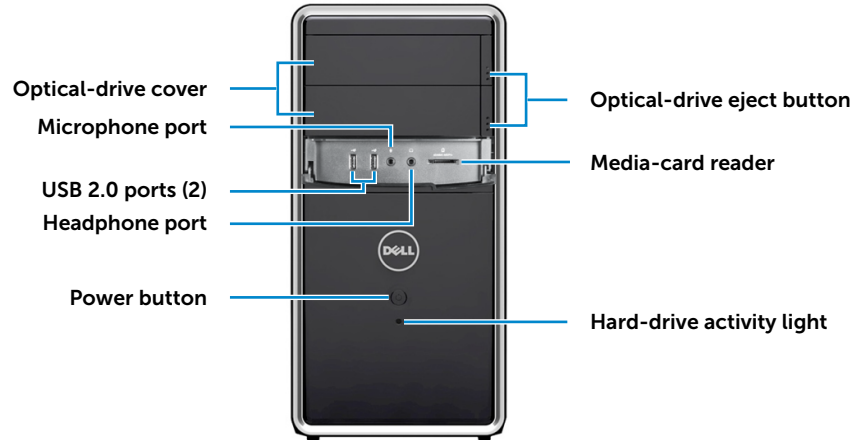
Optical-drive cover

Covers the optical drives.

Microphone port

Connect an external microphone to provide sound input.

USB 2.0 ports (2)

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

Headphone port

Connect a headphone, a headset (headphone and microphone combo), or speakers.

Power button

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

Press to put the computer in Sleep state if it is turned on.

Press and hold for 10 seconds to force shut-down the computer.

🖉 **NOTE:** You can customize the power-button behaviour in Power Options. For more information, see *Me and My Dell* at **dell.com/support**.

Optical-drive eject button

Press to open or close the optical drive tray.

Media-card reader

Reads from and writes to media cards.

Hard-drive activity light

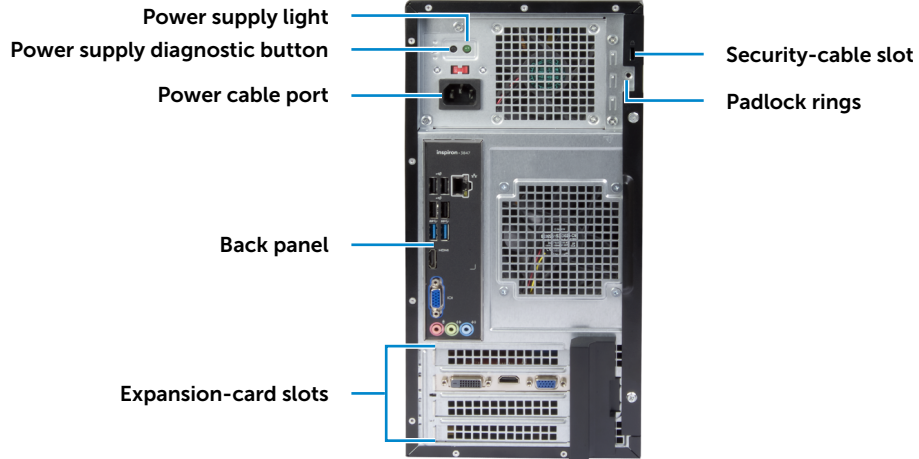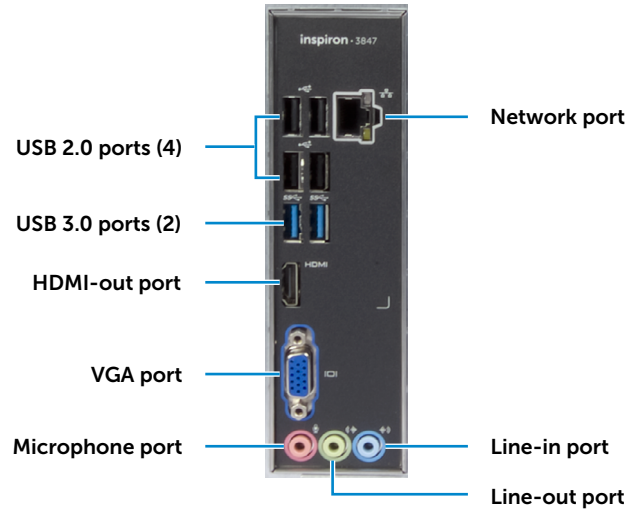Turns on when the computer reads from or writes to the hard drive.

Views

Back

Front

Back

Back panel

Power supply light ———
Power supply diagnostic button ———
Power cable port ———

Security-cable slot
Padlock rings

Back panel ———

Expansion-card slots ———

Power supply light

Indicates power availability of the power supply.

Power supply diagnostic button

Press to turn on the power supply light.

Power cable port

Connect a power cable to provide power to your computer.

Back panel

Connect USB, audio, video, and other devices.

Expansion-card slots

Provide access to connectors on any installed PCI Express cards.

Security-cable slot

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

Padlock rings

Attach a standard padlock to prevent unauthorized access to the interior of your computer.

Views

Front

Back

Back panel

Back panel

USB 2.0 ports (4)

USB 3.0 ports (2)

HDMI-out port

VGA port

Microphone port

Network port

Line-in port

Line-out port

USB 2.0 ports (4)

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

USB 3.0 ports (2)

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

HDMI-out port

Connect to HDMI-out enabled devices. Provides video and audio output.

VGA port

Connect an external display or a projector.

Microphone port

Connect an external microphone to provide sound input.

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 connector indicate the connectivity status and network activity.

Line-in port

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

Line-out port

Connect speakers.

Specifications

Dimensions and Weight

Height	368.3 mm (14.50 in)
Width	177.8 mm (7 in)
Depth	431.8 mm (17 in)
Weight (maximum)	7.9 kg (17.41 lb)
	NOTE: The weight of your desktop varies depending on the configuration ordered and the manufacturing variability.

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Media-card reader

Power Ratings

Computer Environment

Specifications

System Information

Computer model	Inspiron 3847
Processor	• Intel Celeron • Intel Pentium Dual Core • Intel Dual Core i3 (4th Generation) • Intel Quad Core i5 (4th Generation) • Intel Quad Core i7 (4th Generation)
L3 cache	Up to 8 MB
Chipset	Intel H81

Dimensions and Weight

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Memory

Connector	Two internally-accessible DDR3 DIMM sockets
Type	DDR3
Speed	1600 MHz
Configurations supported	2 GB, 4 GB, 8 GB, 12 GB, and 16 GB

Dimensions and Weight

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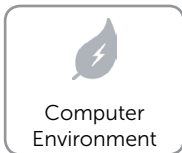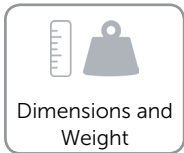Media-card reader

Power Ratings

Computer Environment

Specifications

Ports and Connectors

Back Panel Ports:	
Network	One RJ45 port
USB	• Four USB 2.0 ports • Two USB 3.0 ports
Audio	• One microphone port • One line-out port • One line-in port
Video	• One HDMI-out port • One VGA port
Front Panel Ports:	
Media Card Reader	One 8-in-1 card slot
USB	Two USB 2.0 ports
Audio	• One microphone port • One headphone port

Dimensions and Weight

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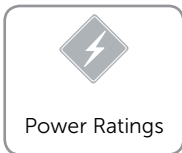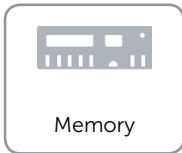
Specifications

Communications

Ethernet	10/100/1000 Mbps Ethernet controller integrated on system board
Wireless	Dell Wireless-N 1705 and Bluetooth 4.0

Dimensions and Weight

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Video

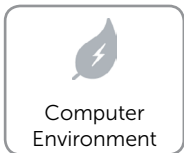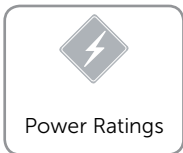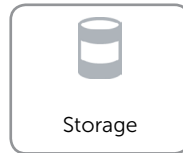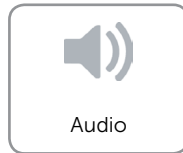| Controller:	
Integrated	• Intel HD graphics • Intel HD graphics 4400/4600
Discrete	• NVIDIA GeForce GT 625 • NVIDIA GeForce GT 635 • NVIDIA GeForce GT 705

Memory:	
Integrated	Shared system memory
Discrete	1024 MB

Dimensions and Weight

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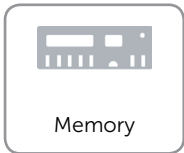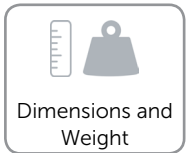
Specifications

Audio

Controller	Realtek Audio Codec ALC662VD
Type	Intel 5.1 channel HD Audio (integrated)

Dimensions and Weight

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Storage

Externally accessible	Two 5.25-inch drive bay for a Blu-ray Disc combo (optional), Blu-ray Disc writer (optional), or DVD+/-RW
Internally accessible	Two 3.5-inch drive bay for SATA hard drives (includes hybrid)

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Media-card reader

Type	One 8-in-1 slot
Cards supported	• Secure Digital (SD) • SD Extended Capacity (SDXC) • High Capacity SD (SDHC) • Memory Stick (MS) • Memory Stick PRO (MS PRO) • MultiMedia Card (MMC) • MultiMedia Card plus (MMC+) • xD-Picture Card (XD)

Dimensions and Weight

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Power Ratings

Input voltage	• 100 VAC-127 VAC • 200 VAC-240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	9.0 A/4.5 A

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications
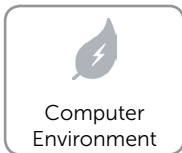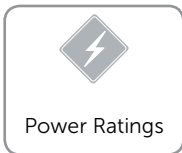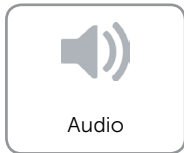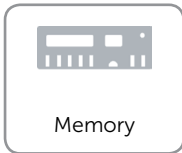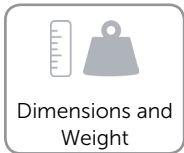
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Computer Environment

Airborne contaminant level	G2 or lower as defined by ISA-S71.04-1985	
Relative humidity (maximum)	20% to 80% (noncondensing)	
	Operating	**Storage**
Temperature range	10 °C to 35 °C (50 °F to 95 °F)	−40 °C to 65 °C (−40 °F to 149 °F)
Vibration (maximum)*	0.25 GRMS	2.20 GRMS
Shock (maximum)†	40 G for 2 ms with a change in velocity of 20 in/s (51 cm/s)	50 G for 26 ms with a change in velocity of 320 in/s (813 cm/s)
Altitude (maximum)	−15.2 m to 3048 m (−50 ft to 10,000 ft)	−15.2 m to 10,668 m (−50 ft to 35,000 ft)

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

† Measured with hard drive in operating status and a 2-ms half-sine pulse for operating. Also measured with hard drive in head-parked position and a 2-ms half-sine pulse for storage.

Dimensions and Weight | System Information | Memory | Ports and Connectors | Communications | Video | Audio | Storage

Media-card reader | Power Ratings | Computer Environment