

Dell Latitude E6320/E6420 ATG

Setup and Features Information

About Warnings

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

Front And Back View

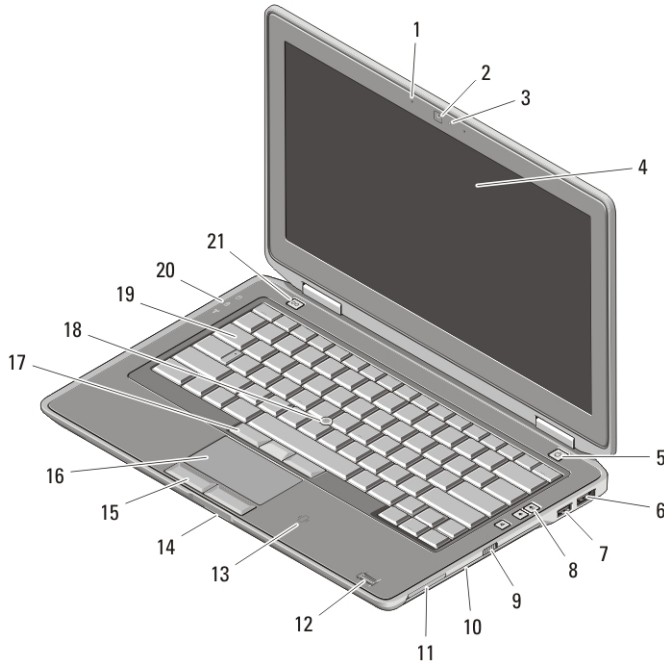


Figure 1. Latitude E6320

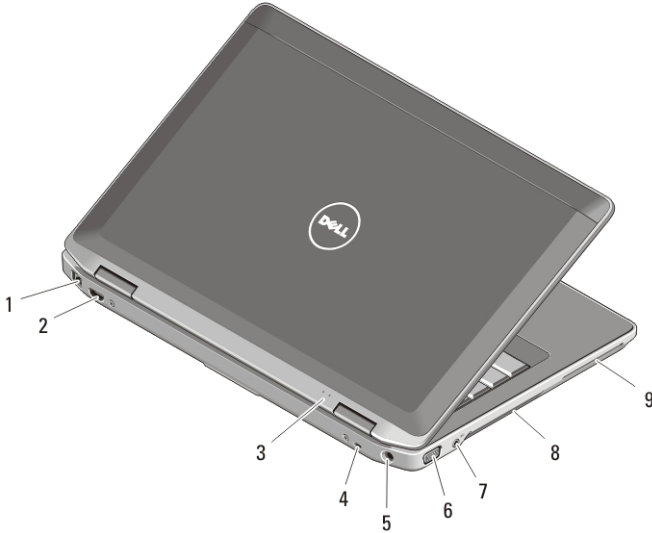
- | | |
|------------------------|----------------------------------|
| 1. microphone | 7. USB 2.0 connector |
| 2. camera | 8. volume control buttons |
| 3. camera status light | 9. wireless switch |
| 4. display | 10. optical drive |
| 5. power button | 11. PC card or Express card slot |
| 6. eSata/USB connector | 12. fingerprint reader |



0506NYA00

Regulatory Model: P12S, P15G
Regulatory Type: P12S001, P15G002
February 2011

- 13. contactless smart card reader
- 14. Secure Digital (SD) memory-card reader
- 15. touchpad buttons
- 16. touchpad
- 17. trackstick buttons
- 18. trackstick
- 19. keyboard
- 20. device status lights
- 21. Latitude ON button



- 1. network connector
- 2. mini HDMI connector
- 3. power and battery status lights
- 4. security cable slot
- 5. AC adapter connector
- 6. video connector (VGA)
- 7. audio connector
- 8. cooling vents
- 9. smart card slot

⚠ WARNING: Do not block, push objects into, or allow dust to accumulate in the air vents. Do not store your Dell computer in a low-airflow environment, such as a closed briefcase, while it is running. Restricting the airflow can damage the computer or cause a fire. The computer turns on the fan when the computer gets hot. Fan noise is normal and does not indicate a problem with the fan or the computer.

Front And Back View

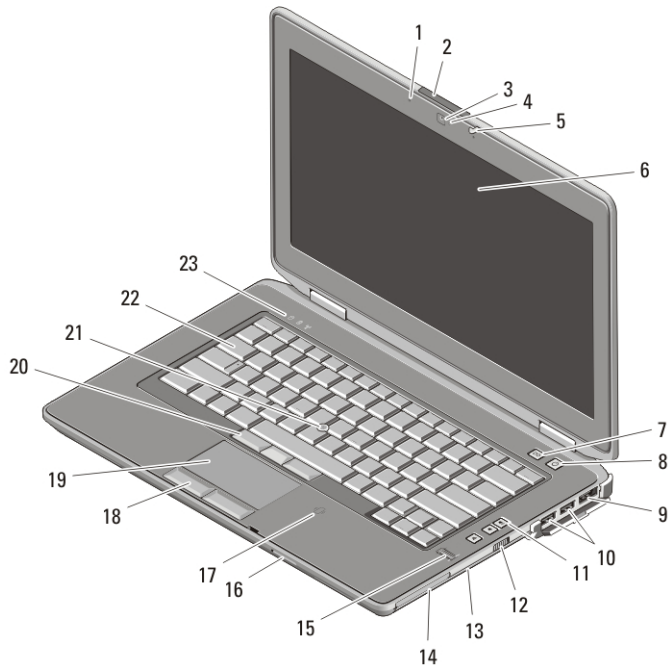
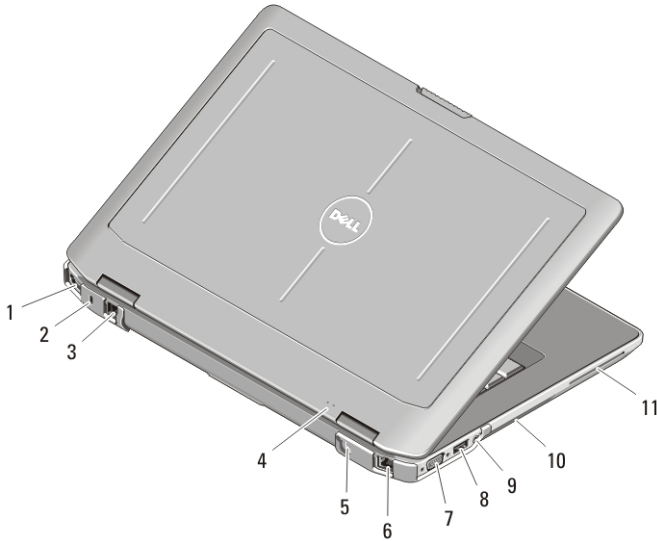


Figure 2. Latitude E6420 ATG

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|----------------------------|--|
| 1. microphone | 13. optical drive |
| 2. display release latch | 14. PC card or Express card slot |
| 3. camera | 15. fingerprint reader |
| 4. camera status light | 16. Secure Digital (SD) memory-card reader |
| 5. display latch | 17. contactless smart card reader |
| 6. display | 18. touchpad buttons |
| 7. Latitude ON button | 19. touchpad |
| 8. power button | 20. trackstick buttons |
| 9. eSata/USB connector | 21. trackstick |
| 10. USB 2.0 connectors (2) | 22. keyboard |
| 11. volume control buttons | 23. device status lights |
| 12. wireless switch | |

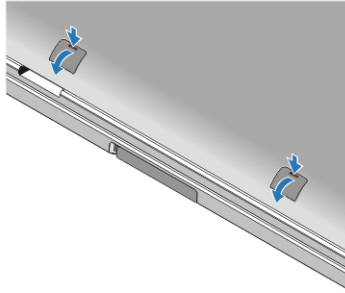


- | | |
|------------------------------------|--------------------------|
| 1. HDMI connector | 7. video connector (VGA) |
| 2. security cable slot | 8. USB 2.0 connector |
| 3. modem connector | 9. audio connector |
| 4. power and battery status lights | 10. cooling vents |
| 5. AC adapter connector | 11. smart card slot |
| 6. network connector | |

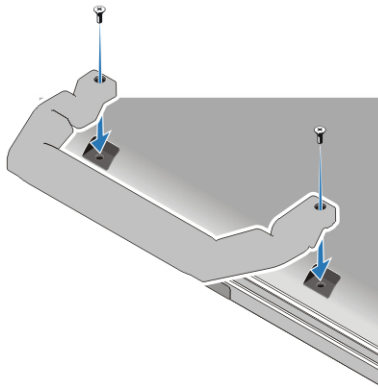
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Latitude E6420 ATG Handle Assembly





1. Insert a paper clip into the release hole to unlock and remove the covering plugs from their hollow.



2. Place the handle assembly into the hollow as shown. Use the two screws to tighten and secure the handle assembly to the computer.



Quick Setup

-  **WARNING:** Before you begin any of the procedures in this section, read the safety information that shipped with your computer. For additional best practices information, see www.dell.com/regulatory_compliance.
-  **WARNING:** The AC adapter works with electrical outlets worldwide. However, power connectors and power strips vary among countries. Using an incompatible cable or improperly connecting the cable to the power strip or electrical outlet may cause fire or equipment damage.
-  **CAUTION:** When you disconnect the AC adapter cable from the computer, grasp the connector, not the cable itself, and pull firmly but gently to avoid damaging the cable. When you wrap the AC adapter cable, ensure that you follow the angle of the connector on the AC adapter to avoid damaging the cable.
-  **NOTE:** Some devices may not be included if you did not order them.

1. Connect the AC adapter to the AC adapter connector on the computer and to the electrical outlet.

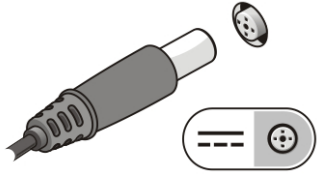


Figure 3. AC Adapter

2. Connect the network cable (optional).

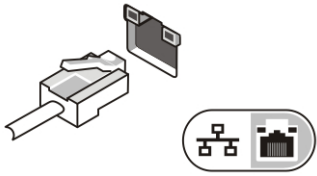


Figure 4. Network Connector

3. Connect USB devices, such as a mouse or keyboard (optional).

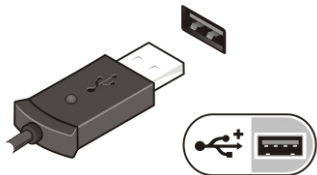


Figure 5. USB Connector

4. Connect IEEE 1394 devices, such as a 1394 hard drive (optional).

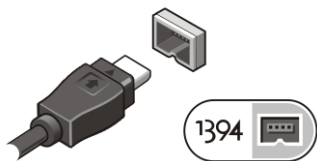


Figure 6. 1394 Connector

5. Open the computer display and press the power button to turn on the computer.

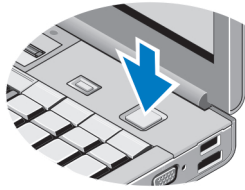




Figure 7. Power Button

 **NOTE:** It is recommended that you turn on and shut down your computer at least once before you install any cards or connect the computer to a docking device or other external device, such as a printer.

Specifications

 **NOTE:** Offerings may vary by region. The following specifications are only those required by law to ship with your computer. For more information regarding the configuration of your computer, click **Start** → **Help and Support** and select the option to view information about your computer.

System Information

Chipset	Intel Mobile Express Series 6 chipset
Processor	Intel Core i5 or Intel Core i7 (2nd generation)

Video

Video type	integrated on system board
Data bus	integrated video
Video controller memory	512 MB

Memory

Memory connector	two SODIMM slots
Memory capacity	1 GB, 2 GB, 4 GB, or 8 GB
Memory type	DDR3 SDRAM (1333 MHz)
Minimum memory	1 GB
Maximum memory	8 GB

Battery

Type

Battery

Latitude E6320	<ul style="list-style-type: none">• 3-cell “smart” Lithium ion• 6-cell “smart” Lithium ion
Latitude E6420 ATG	<ul style="list-style-type: none">• 4-cell “smart” Lithium ion• 6-cell “smart” Lithium ion• 9-cell “smart” Lithium ion

Dimensions:**3-cell battery**

Latitude E6320	
Depth	29.87 mm (1.18 inches)
Height	19.80 mm (0.78 inch)
Width	208.00 mm (8.03 inches)

6-cell battery

Latitude E6320	
Depth	54.00 mm (2.13 inches)
Height	20.85 mm (0.82 inch)
Width	214.00 mm (8.43 inches)

Latitude E6420 ATG	
Depth	48.08 mm (1.89 inches)
Height	20.00 mm (0.79 inch)
Width	208.00 mm (8.19 inches)

9-cell battery

Latitude E6420 ATG	
Depth	71.79 mm (2.83 inches)
Height	20.00 mm (0.79 inch)
Width	214.00 mm (8.43 inches)


Weight

Latitude E6320	
3-cell	174.00 g (0.38 lb)

Battery

6-cell	335.90 g (0.74 lb)
Latitude E6420 ATG	
4-cell	240.00 g (0.53 lb)
6-cell	343.00 g (0.76 lb)
9-cell	510.00 g (1.12 lb)
Voltage	
3-cell, 6-cell, and 9-cell	11.10 VDC
4-cell	14.80 VDC
Temperature range:	
Operating	0 °C to 35 °C (32 °F to 95 °F)
Non-Operating	-40 °C to 65 °C (-40 °F to 149 °F)
Coin-cell battery	3 V CR2032 lithium coin cell

AC Adapter

Type	65 W and 90 W
	 NOTE: 65 W adapter is available only for computers with integrated video card.
Input voltage	100 VAC to 240 VAC
Input current (maximum)	1.5 A/ 1.6 A/ 1.7 A
Input frequency	50 Hz to 60 Hz
Output power	65 W/ 90 W
Output current	3.34 A and 4.62 A (continuous)
Rated output voltage	19.5 +/- 1.0 VDC
Temperature range:	
Operating	0 °C to 40 °C (32 °F to 104 °F)
Non-Operating	-40 °C to 70 °C (-40 °F to 158 °F)

Physical

E6320

Height	25.30 mm to 30.10 mm (0.10 inch to 1.19 inches)
Width	323.00 mm (12.72 inches)
Depth	215.00 mm (8.46 inches)
Weight (with 4-cell battery)	1.67 kg (3.68 lb)

E6420 ATG

Height	33.80 mm to 39.10 mm (1.33 inches to 1.54 inches)
Width	357.34 mm (14.07 inches)
Depth	246.50 mm (9.70 inches)
Weight (with 4-cell battery)	2.95 kg (6.50 lb)

Environmental

Temperature:

Operating	0 °C to 35 °C (32 °F to 95 °F)
Storage	-40 °C to 65 °C (-40 °F to 149 °F)

Relative humidity (maximum):

Operating	10 % to 90 % (noncondensing)
Storage	5 % to 95 % (noncondensing)

Altitude (maximum):

Operating	-15.2 m to 3048 m (-50 ft to 10,000 ft)
Non-Operating	-15.2 m to 10,668 m (-50 ft to 35,000 ft)

Airborne contaminant level	G2 or lower as defined by ISA-S71.04-1985
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