

Dell Latitude E6420/E6520

Setup and Features Information

About Warnings

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

Front And Back View

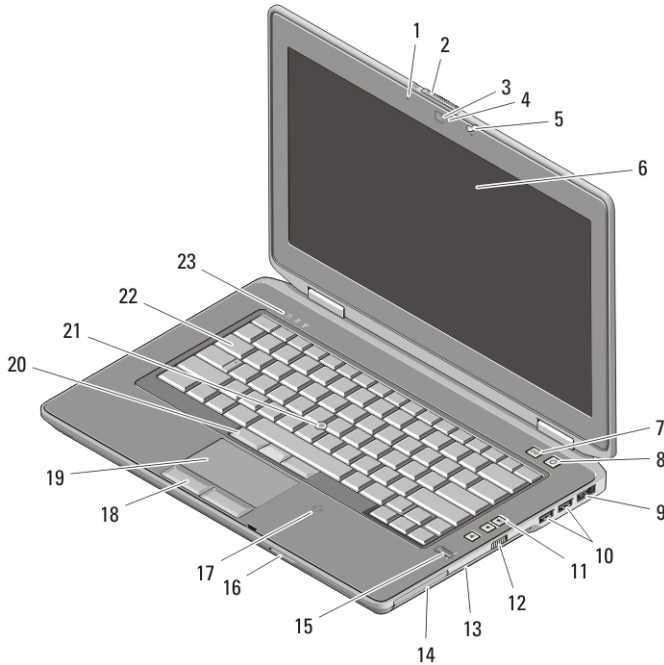


Figure 1. Latitude E6420

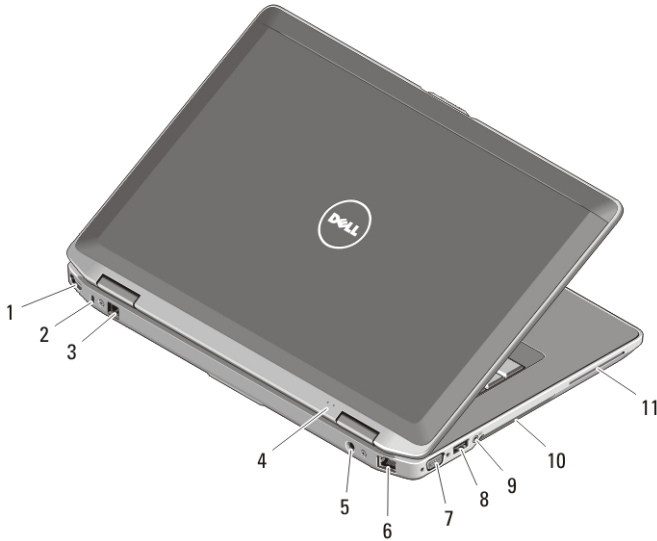
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|--------------------------|----------------------------|
| 1. microphone | 7. Latitude ON button |
| 2. display release latch | 8. power button |
| 3. camera | 9. eSata/USB connector |
| 4. camera status light | 10. USB 2.0 connectors (2) |
| 5. display latch | 11. volume control buttons |
| 6. display | 12. wireless switch |



01CNH2A00

Regulatory Model: P15G, P14F
Regulatory Type: P15G001, P14F001
February 2011

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| 13. optical drive | 18. touchpad buttons |
| 14. PC card or Express card slot | 19. touchpad |
| 15. fingerprint reader | 20. trackstick buttons |
| 16. Secure Digital (SD) memory-card reader | 21. trackstick |
| 17. contactless smart card reader | 22. keyboard |
| | 23. device status lights |



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|------------------------------------|--------------------------|
| 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 | |

! **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

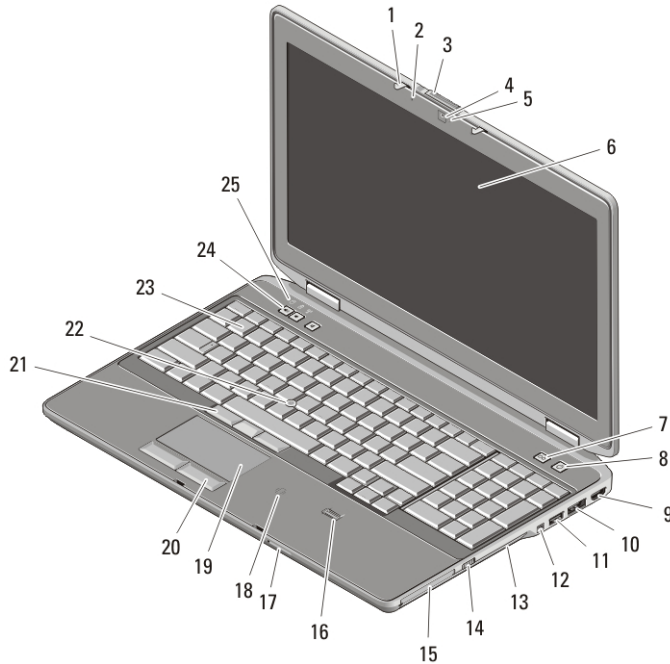
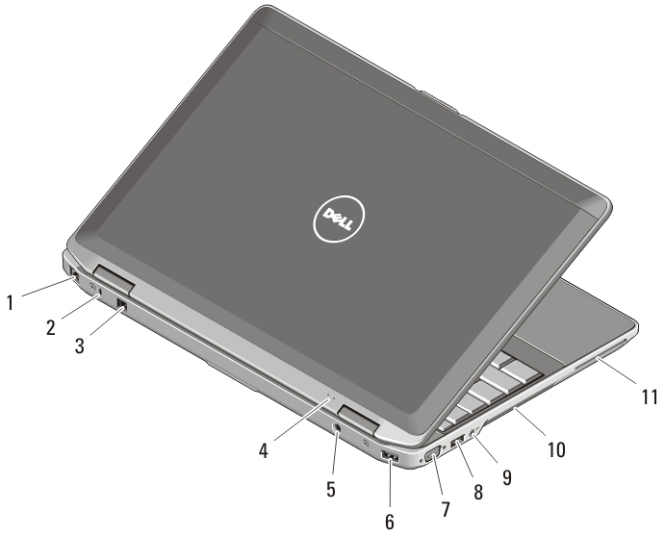


Figure 2. Latitude E6520

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|--------------------------|--|
| 1. display latch | 14. wireless switch |
| 2. microphone | 15. PC card or Express card slot |
| 3. display release latch | 16. fingerprint reader |
| 4. camera | 17. Secure Digital (SD) memory-card reader |
| 5. camera status light | 18. contactless smart card reader |
| 6. display | 19. touchpad |
| 7. Latitude ON button | 20. touchpad buttons |
| 8. power button | 21. trackstick buttons |
| 9. HDMI connector | 22. trackstick |
| 10. eSata/USB connector | 23. keyboard |
| 11. USB 2.0 connector | 24. volume control buttons |
| 12. IEEE 1394 connector | 25. device status lights |
| 13. optical drive | |



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|------------------------------------|--------------------------|
| 1. network 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. USB 2.0 connector | |

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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.

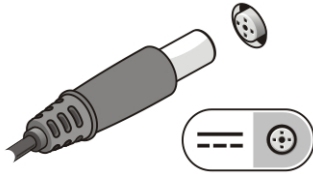


Figure 3. AC Adapter

2. Connect the network cable (optional).

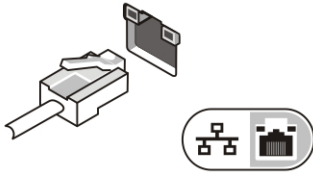


Figure 4. Network Connector

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

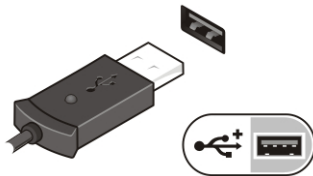


Figure 5. USB Connector

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

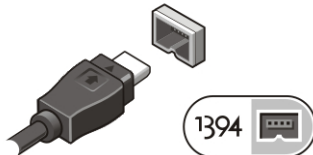


Figure 6. 1394 Connector

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

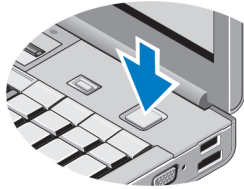




Figure 7. Power Button

 **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 8GB
Memory type	DDR3 SDRAM (1333 MHz)
Minimum memory	1 GB
Maximum memory	8 GB

Battery

Type	<ul style="list-style-type: none">• 4-cell "smart" Lithium ion• 6-cell "smart" Lithium ion• 9-cell "smart" Lithium ion
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Dimensions:

4-cell and 6-cell

Depth	48.08 mm (1.90 inches)
Height	20.00 mm (0.79 inches)
Width	208 mm (8.18 inches)

9-cell

Depth	71.79 mm (2.83 inches)
Height	20 mm (0.79 inches)
Width	214 mm (8.43 inches)

Weight

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

4-cell	14.80 VDC
6-cell and 9-cell	11.10 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
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AC Adapter

Type	65 W, 90 W, and 150 W
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NOTE: 65 W adapter is available only for computers with integrated video card

AC Adapter



NOTE: 150 W AC adapter is only available with Latitude E6420

Input voltage	100 VAC to 240 VAC
Input current (maximum)	1.5 A, 1.6 A, 1.7 A, and 2.1 A
Input frequency	50 Hz to 60 Hz
Output power	65 W, 90 W, or 150 W
Output current	3.34 A, 4.62 A and 7.70 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

Latitude E6420

Height	26.80 mm to 31.30 mm (1.06 inch to 1.23 inches)
Width	352.00 mm (13.86 inches)
Depth	241.00 mm (9.49 inches)
Weight (with 4-cell battery)	2.54 kg (5.59 lb)

Latitude E6520

Height	27.60 mm to 34.35 mm (1.09 inches to 1.35 inches)
Width	383.80 mm (inches)
Depth	257.90 mm (inches)
Weight (with 4-cell battery)	2.54 kg (5.59 lb)

Environmental

Temperature:

Operating	0 °C to 35 °C (32 °F to 95 °F)
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Environmental

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

Finding More Information and Resources

This section is the last part of the SFITS

See the safety and regulatory documents that shipped with your computer and the regulatory compliance website at www.dell.com/regulatory_compliance for more information on:

- Safety best practices for your computer
- Warranty
- Terms and Conditions
- Regulatory
- Ergonomics
- End User License Agreement