Dell Latitude E6420/E6520

Setup and Features Information

About Warnings

⚠ **WARNING: A WARNING indicates a potential for property damage, personal injury, or death.**
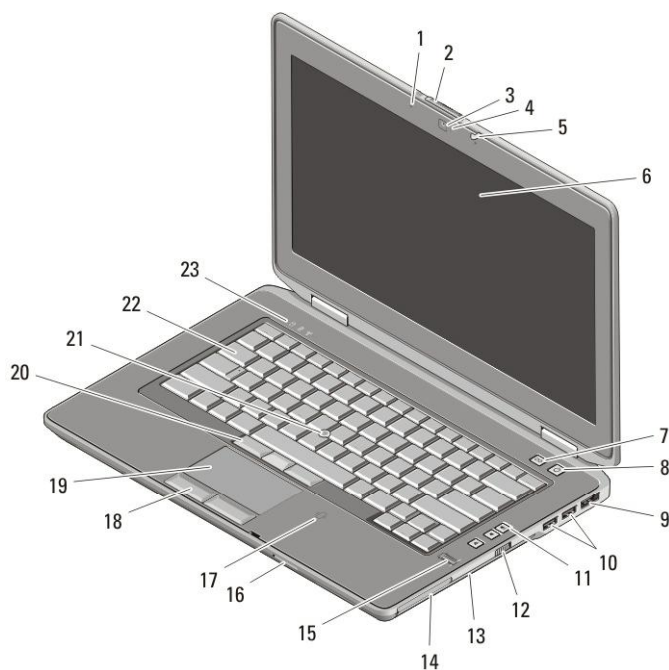
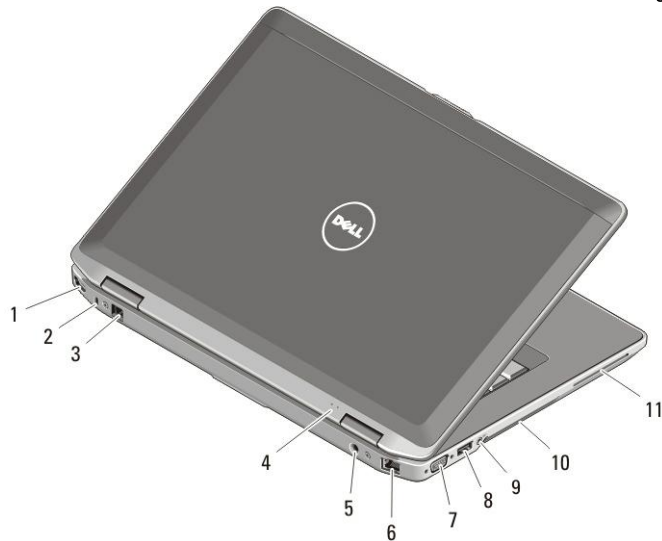### Front And Back View

Figure 1. Latitude E6420

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

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13. optical drive
14. PC card or Express card slot
15. fingerprint reader
16. Secure Digital (SD) memory-card reader
17. contactless smart card reader

18. touchpad buttons
19. touchpad
20. trackstick buttons
21. trackstick
22. keyboard
23. device status lights

1. HDMI connector
2. security cable slot
3. modem connector
4. power and battery status lights
5. AC adapter connector
6. network connector

7. video connector (VGA)
8. USB 2.0 connector
9. audio connector
10. cooling vents
11. 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.**
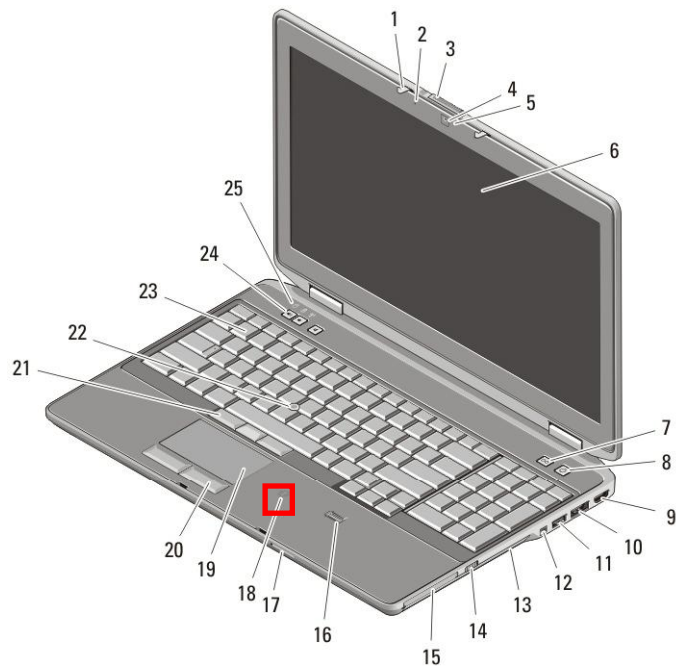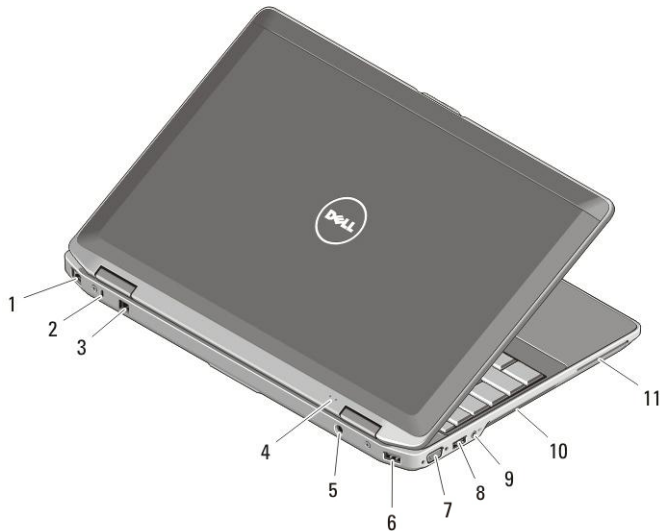
Front And Back View

Figure 2. Latitude E6520

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

1. network connector
2. security cable slot
3. modem connector
4. power and battery status lights
5. AC adapter connector
6. USB 2.0 connector
7. video connector (VGA)
8. USB 2.0 connector
9. audio 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.
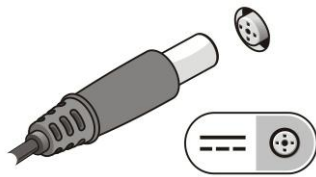
Figure 3. AC Adapter

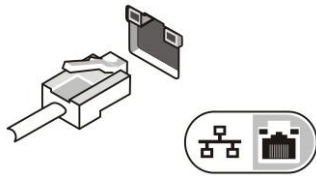2. Connect the network cable (optional).

Figure 4. Network Connector

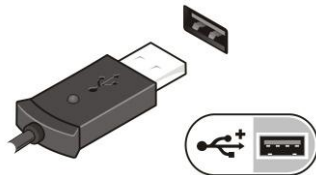3. Connect USB devices, such as a mouse or keyboard (optional).

Figure 5. USB Connector

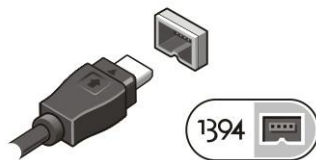4. Connect IEEE 1394 devices, such as a 1394 hard drive (optional).

Figure 6. 1394 Connector

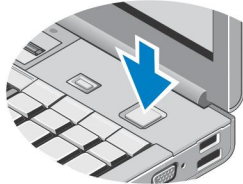5. Open the computer display and press the power button to turn on the computer.

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	• 4-cell "smart" Lithium ion • 6-cell "smart" Lithium ion • 9-cell "smart" Lithium ion
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

AC Adapter

Type	65 W, 90 W, and 150 W
	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)

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