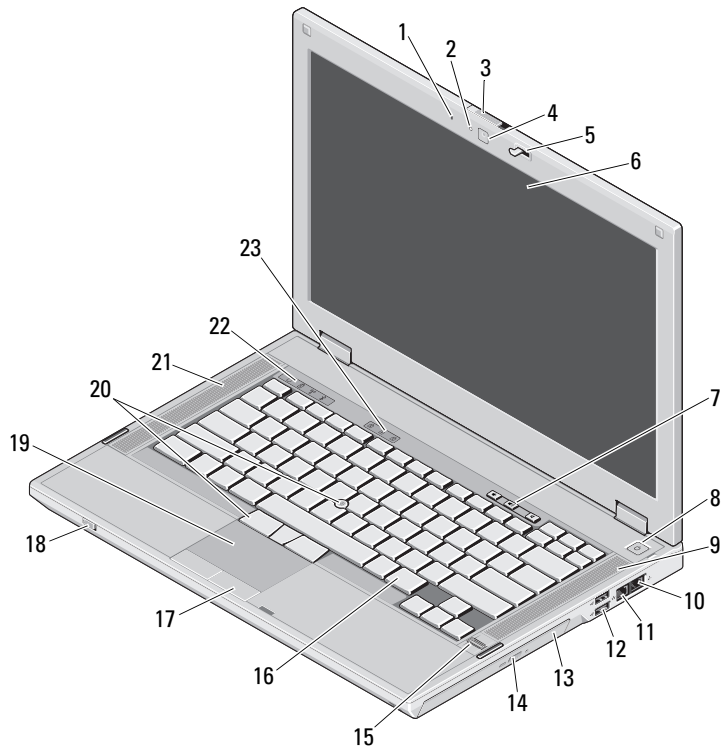# Dell™ Latitude™ E5410/E5510

Setup and Features Information

Latitude E5410 — Front View

About Warnings

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

1 built-in microphone
2 camera status LED (optional)
3 display latch release switch
4 camera (optional)
5 display latch
6 display
7 volume control buttons
8 power button
9 right speaker
10 modem connector (optional)
11 network connector
12 USB 2.0 connectors (2)
13 optical drive
14 optical drive eject button
15 fingerprint reader (optional)
16 keyboard
17 touchpad buttons
18 wireless switch
19 touchpad
20 trackstick and trackstick buttons (optional)
21 left speaker
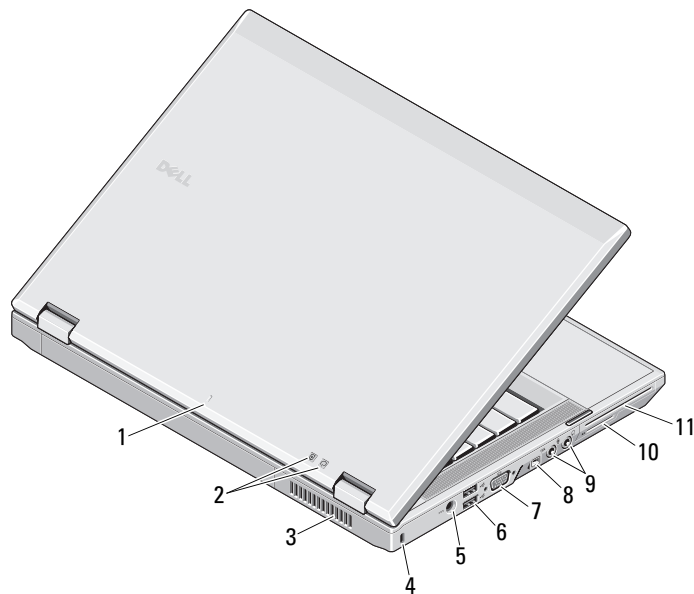**22** device status lights
23 keyboard status lights

DELL™

Regulatory Models: P06G and P05F   Regulatory Types: P06G001 and P05F001

May 2010

Latitude E5410 — Back View

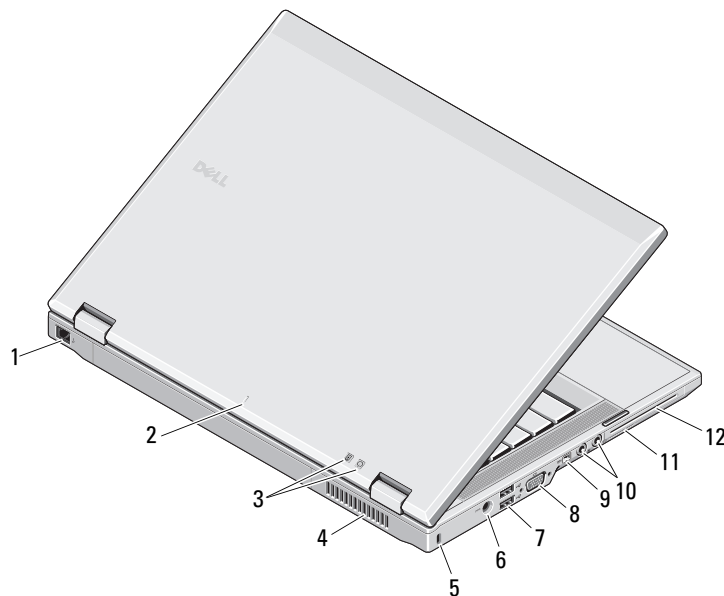|	
1	docking alignment mark
2	power and battery status indicators
3	cooling vent
4	security cable slot
5	AC adapter connector
6	USB 2.0 connectors (2)
7	video connector (VGA)
8	IEEE 1394a connector
9	audio connectors
10	media-card slot
11	PC card/smart card/ExpressCard slot

⚠ **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.

Latitude E5510 — Front View
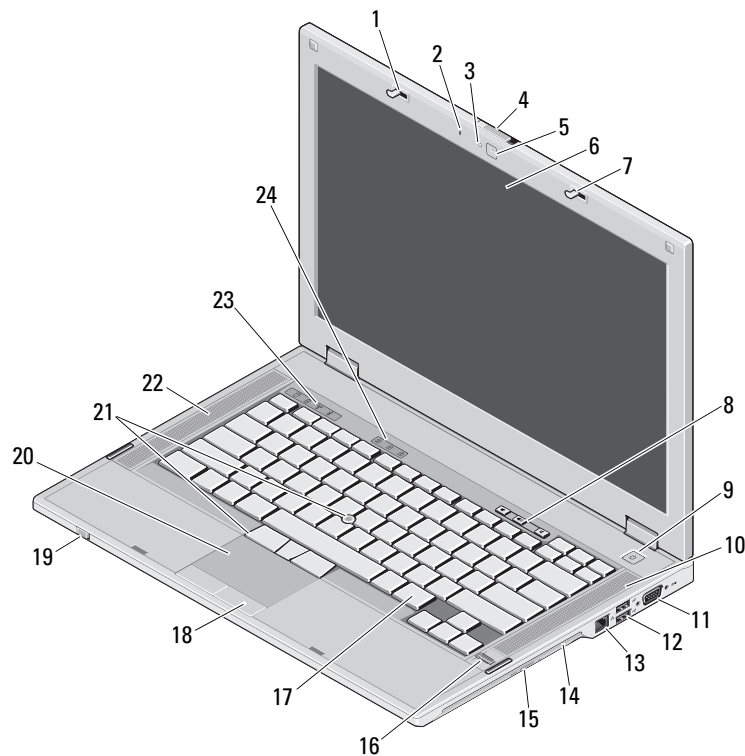
1	display latch
2	built-in microphone
3	camera status LED (optional)
4	display latch release switch
5	camera (optional)
6	display
7	display latch
8	volume control buttons
9	power button
10	right speaker
11	serial connector
12	USB 2.0 connectors (2)
13	network connector
14	optical drive
15	optical drive eject button
16	fingerprint reader (optional)
17	keyboard
18	touchpad buttons
19	wireless switch
20	touchpad
21	trackstick and trackstick buttons (optional)
22	left speaker
23	device status lights
24	keyboard status lights

Latitude E5510 — Back View

1 modem connector (optional)
2 docking alignment mark
3 power and battery status indicators
4 cooling vent
5 security cable slot
6 AC adapter 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.

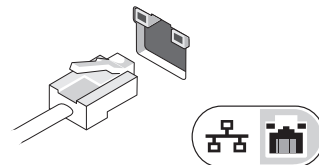✐ **NOTE:** Some devices may not be included if you did not order them.

1 Connect the AC adapter to the AC adapter connector on the portable computer and to the electrical outlet.
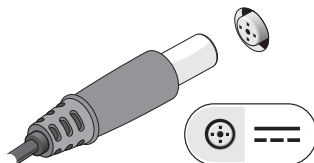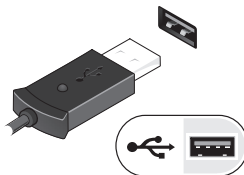
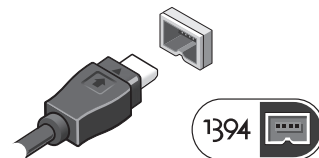**2** Connect the network cable (optional).

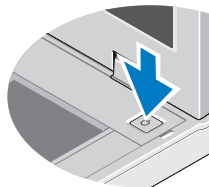**3** Connect USB devices, such as a mouse or a keyboard (optional).

4 Connect IEEE 1394a devices, such as a DVD player (optional).

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

✐ **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. 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	
Processor type	Intel® Core™ i3, i5, and i7 series Intel Celeron™
Chipset	Intel HM55 Express Chipset

Video	
Video type	Intel UMA video
Data bus	integrated video
Video controller	Intel Graphics Media Accelerator HD

Memory	
Memory module connectors	two SODIMM slots
Memory module capacity	1 GB, 2 GB, 4 GB, 8 GB
Memory type	DDR3 1333 MHz SDRAM (operating at 1066 MHz)
Minimum memory	1 GB
Maximum memory	8 GB

📝 **NOTE:** Only 64-bit operating systems support more than 4 GB memory

Battery	
Type	4-, 6-, or 9-cell "smart" lithium ion
Dimensions	
Height	
4- and 6-cell	19.80 mm (0.78 inch)
9-cell	21.10 mm (0.83 inch)
Width	
4- and 6-cell	206.00 mm (8.11 inches)
9-cell	224.00 mm (8.82 inches)
Depth	
4- and 6-cell	54.00 mm (2.12 inches)
9-cell	76.00 mm (2.99 inches)
Weight	
4-cell	252 g (0.55 lb)
6-cell	326 g (0.72 lb)
9-cell	487 g (1.07 lb)
Voltage	
4-cell	14.8 VDC
6- and 9-cell	11.1 VDC
Temperature range	
Operating	0 °C to 35 °C (32 °F to 95 °F)
Storage	–40 °C to 65 °C (–40 °F to 149 °F)
Coin-cell battery	3 V CR2032 lithium coin cell

AC Adapter

Input voltage	100 VAC–240 VAC
Input current (maximum)	1.5 A
Input frequency	50 Hz–60 Hz
Output power	65 W or 90 W
Output current	
65 W	3.34 A (continuous)
90 W	4.62 A (continuous)
Rated output voltage	19.5 +/– 1.0 VDC
Dimensions	
65 W	
Height	16 mm (0.62 inch)
Width	66 mm (2.59 inches)
Length	127 mm (4.99 inches)
90 W	
Height	16 mm (0.62 inch)
Width	70 mm (2.75 inches)
Length	147 mm (5.78 inches)
Temperature range	
Operating	0 °C to 35 °C (32 °F to 95 °F)
Storage	–40 °C to 65 °C (–40 °F to 149 °F)

Physical

Height	
E5410	33.2 mm (1.31 inches)
E5510	33.8 mm (1.33 inches)
Width	
E5410	338 mm (13.31 inches)
E5510	371 mm (14.61 inches)
Depth	
E5410	244 mm (9.61 inches)
E5510	250 mm (9.84 inches)
Weight	
E5410	2.39 kg (5.27 lb)
E5510	2.59 kg (5.70 lb)

Environmental

Temperature range	
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)
Storage	–15.2 m to 10,668 m (–50 ft to 35,000 ft)

Finding More Information and Resources

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
- Warranty
- Terms and Conditions
- Regulatory certification
- Ergonomics
- End User License Agreement

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