

Specifications



 **NOTE:** Offerings may vary by region. For more information regarding the configuration of your computer, click Start  (Start icon) → **Help and Support**, and then select the option to view information about your computer.

Table 14. System Information

Feature	Specification
DRAM bus width	64-bit
Flash EPROM	SPI 32Mbits + 64Mbits
PCIe Gen1 bus	100 MHz
External Bus Frequency	DMI (5GT/s)

Table 15. Processor

Feature	Specification
Types	<ul style="list-style-type: none"> • Intel Core i3 series • Intel Core i5 series • Intel Core i7 series
L3 cache	up to 8 MB

Table 16. Memory

Feature	Specification
Memory connector	two SoDIMM slots
Memory capacity	2 GB, 4 GB, or 8 GB
Memory type	DDR3L SDRAM 1600
Minimum memory	2 GB
Maximum memory	8 GB

Table 17. mSATA Support

Feature	Specification
with Express Card I/O and Discrete Graphic Configuration	No mSATA support on both Latitude E5440 and Latitude E5540.
for other configurations	mSATA is supported on both Latitude E5440 and Latitude E5540.

Feature	Specification
without Express Card I/O on Discrete Graphic and all UMA Graphic Configurations	<ul style="list-style-type: none"> Supports mSATA and WWAN on Latitude E5440 Supports mSATA on Latitude E5540.

Table 18. Audio

Feature	Specification
Type	four-channel high definition audio
Controller	ALC3226
Stereo conversion	24-bit (analog-to-digital and digital-to-analog)
Interface:	
Internal	high definition audio
External	microphone-in/stereo headphones/external speakers connector
Speakers	two
Internal speaker amplifier	1W (RMS) per channel
Volume controls	keyboard function keys, program menus

Table 19. Video

Feature	Specification
Type	integrated on system board
Controller	
UMA	Intel HD Graphics 4400
Discrete	nVidia GeForce GT 720M 2GB Graphics

Table 20. Communications

Feature	Specification
Network adapter	10/100/1000 Mb/s Ethernet (RJ-45)
Wireless	<ul style="list-style-type: none"> Internal wireless local area network (WLAN) Wireless wide area network (WWAN) (E5440 only)

Table 21. Ports and Connectors

Feature	Specification
Audio (optional)	one microphone/stereo headphone/speakers connector
Video	<ul style="list-style-type: none"> one 15-pin VGA connector 19-pin HDMI connector


Feature	Specification
Network adapter	one RJ-45 connector
USB 2.0	<ul style="list-style-type: none"> one 4-pin USB 2.0-compliant connector (E5440) two 4-pin USB 2.0-compliant connectors (E5540) <p> NOTE: The USB 2.0 connector at the back of the Latitude E5540 computer, gets deactivated, when the Latitude E5540 computer is connected to the docking station.</p>
USB 3.0	two USB 3.0-compliant connectors
Memory card reader	one 8-in-1 memory card reader
Docking port	one
Subscriber Identity Module (SIM) port	one (E5440 only)

Table 22. Display

Feature	Specification
Type	
Latitude E5440	<ul style="list-style-type: none"> HD(1366x768), WLED HD+(1600 x 900)
Latitude E5540	<ul style="list-style-type: none"> HD(1366x768), WLED FHD (1920 x 1080)
Size	
Latitude E5440	14.0"
Latitude E5540	15.6"
Dimensions:	
Latitude E5440:	
Height	192.5 mm (7.57 inches)
Width	324 mm (12.75 inches)
Diagonal	355.60 mm (14.00 inches)
Active ares (X/Y)	309.40 mm x 173.95 mm
Maximum resolution	<ul style="list-style-type: none"> 1366 x 768 pixels 1600 x 900 pixels
Maximum Brightness	200 nits
Latitude E5540:	
Height	210 mm (8.26 inches)

Feature	Specification
Width	360 mm (14.17 inches)
Diagonal	394.24 mm (15.60 inches)
Active area (X/Y)	344.23 mm x 193.54 mm
Maximum resolution	<ul style="list-style-type: none"> • 1366 x 768 pixels • 1920 x 1080 pixels
Maximum Brightness	220 nits for HD, 300 nits for FHD
Operating angle	0° (closed) to 135°
Refresh rate	60 Hz
Minimum Viewing angles:	
Horizontal	<ul style="list-style-type: none"> • +/- 40° for HD • +/- 60° for FHD
Vertical	<ul style="list-style-type: none"> • +10°/-30° for HD • +/-50° for FHD
Pixel pitch:	
Latitude E5440	0.2265 mm x 0.2265 mm
Latitude E5540	<ul style="list-style-type: none"> • 0.2520 mm x 0.2520 mm for HD • 0.1790 x 0.1790 for FHD

Table 23. Keyboard

Feature	Specification
Number of keys	United States: 86 keys, United Kingdom: 87 keys, Brazil: 87 keys, and Japan: 90 keys
Layout	QWERTY/AZERTY/Kanji

Table 24. Touchpad

Feature	Specification
Active Area:	
X-axis	80.00 mm (3.15 inches)
Y-axis	45.00 mm (1.77 inches)

Table 25. Battery

Feature	Specification
Type	4, 6 or 9-cell "smart" lithium ion
Dimensions:	



Feature	Specification
Height	
4-, 6-, and 9-cell	20.00 mm (0.79 inch)
Width	
4- and 6-cell	208.00 mm (8.18 inches)
9-cell	214.00 mm (8.43 inches)
Depth	
4- and 6-cell	48.08 mm (1.89 inches)
9-cell	71.79 mm (2.83 inches)
Weight	
4-cell	240.00 g (0.53 lb)
6-cell	344.73 g (0.76 lb)
9-cell	508.20 g (1.12 lb)
Voltage	
4-cell	14.8 VDC
6- and 9-cell	11.1 VDC
Temperature range:	
Operating	0 °C to 50 °C (32 °F to 122 °F)
Non-Operating	-40 °C to 85 °C (-40 °F to 185 °F)
	<p> NOTE: The battery pack is capable of safely withstanding the above storage temperatures with 100% charge.</p> <p> NOTE: The battery pack is also capable of withstanding storage temperatures from -20 °C to +60 °C with no degradation in its performance.</p>
Coin-cell battery	3 V CR2032 lithium coin cell

Table 26. AC Adapter

Feature	Latitude E5440	Latitude E5540
Type	65 W	90 W adapter
Input voltage	100 VAC to 240 VAC	100 VAC to 240 VAC
Input current (maximum)	1.7 A	1.5 A
Input frequency	50 Hz to 60 Hz	50 Hz to 60 Hz
Output power	65 W	90 W
Output current	3.34 A (continuous)	4.62 A (continuous)

Feature	Latitude E5440	Latitude E5540
Rated output voltage	19.5 +/- 1.0 VDC	19.5 +/- 1.0 VDC
Temperature range:		
Operating	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
Non-Operating	-40 °C to 70 °C (-40 °F to 158 °F)	-40 °C to 70 °C (-40 °F to 158 °F)

Table 27. Physical

Physical	Latitude E5440		Latitude E5540	
	Touch	Non-touch	Touch	Non-touch
Height	Front - 27.70 mm (1.09 inches)	Front - 25.20 mm (0.99 inch)	Front - 28.25 mm (1.11 inches)	Front - 26.00 mm (1.02 inches)
	Back - 32.20 mm (1.27 inches)	Back - 28.65 mm (1.13 inches)	Back - 33.60 mm (1.32 inches)	Back - 29.70 mm (1.17 inches)
Width	338.00 mm (13.31 inches)		379.00 mm (14.92 inches)	
Depth	235.00 mm (9.25 inches)		250.50 mm (9.86 inches)	
Weight (minimum)	1.99 kg (4.40 lb)		2.42 kg (5.35 lb)	

Table 28. Environmental

Feature	Specification
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 % (non condensing)
Storage	5 % to 95 % (non condensing)
Altitude (maximum):	
Operating	-15.24 m to 3048 (-50 ft to 10,000 ft)
Non-Operating	-15.24 m to 10,668 m (-50 ft to 35,000 ft)
Airborne contaminant level	G1 as defined by ISA-71.04-1985