XPS 15

Specifications

Dimensions and Weight

Height	0.3 in (7.5 mm) to 0.7 in (18 mm)
Width	14.6 in (372 mm)
Depth	10 in (253 mm)
Weight (minimum)	4.5 lb (2 kg) **NOTE**: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.

System Information

Computer model	XPS 9530
Processor	• Intel Core i5 (4th generation) • Intel Core i7 (4th generation)
Chipset	Mobile Intel HM87 Express Chipset

Memory

Connectors	Two DDR3L SODIMM connectors
Capacities	Up to 16 GB
Type	Dual-channel DDR3L
Speed	Up to 1600 MHz
Configurations supported	8 GB and 16 GB

Ports and Connectors

External:	
USB	• One USB 2.0 port with PowerShare • Three USB 3.0 ports with PowerShare
HDMI port	One HDMI port
Mini DisplayPort	One Mini DisplayPort
Audio	One headset (microphone and headphone combo) port
Internal:	
NGFF	One Next Generation Form Factor (NGFF) slot for WLAN, Bluetooth, and Wireless Display combo card
Mini Card	One Mini Card slot for mSATA (optional)

Communications

Wireless	• Wi-Fi 802.11 ac/n
	• Bluetooth 4.0
	• Wireless Display
	• Near Field Communication (NFC)

Video

Controller:	
Integrated	Intel HD Graphics 4400/4600
Discrete (optional)	GeForce GT 750M
Memory:	
Integrated	System shared memory
Discrete (optional)	2 GB GDDR5
External display support	• HDMI port
	• Mini DisplayPort
	• Wireless Display (WiDi)

Audio

Controller	Realtek ALC3661
DSP controller	Realtek ALC5505
Speaker	Two
Speaker output:	
Average	2 watt
Peak	2.5 watt
Internal microphone	Digital array-microphones
Volume controls	Program menus and keyboard shortcut keys
	NOTE: To learn about your computer keyboard shortcut keys, see *Quick Start Guide* at **dell.com/support**.

Storage

Interface	SATA 6 Gbps
Hard drives (optional)	One 2.5-inch drive (supports Intel Smart Response Technology)
Solid state drives (optional)	One Solid State Drive (SSD) with Intel Smart Cache support
mSATA (optional)	one mSATA

Media-Card Reader

Type	One 3-in-1 slot
Cards supported	• SD card • SD High-Capacity (SDHC) card • SD Input Output (SDIO) card • SD Extended Capacity (SDXC) card with Ultra High Speed (UHS)

Display

Type	• 15.6-inch FHD WLED with TrueLife • 15.6-inch WQHD+ WLED with TrueLife	
	FHD	**WQHD+**
Resolution	1920 x 1080	3200 x 1800
Dimensions:		
Height	8.51 in (216.1 mm)	8.54 in (216.91 mm)
Width	13.91 in (353.26 mm)	13.97 in (354.78 mm)
Diagonal	15.6 in (396.24 mm)	15.6 in (396.24 mm)
Refresh rate	60 Hz	60 Hz
Operating angle	0 degree (closed) to 135 degrees	0 degree (closed) to 135 degrees
Pixel pitch	0.17925 mm	0.108 mm
Controls	Brightness can be controlled using keyboard shortcut keys. **NOTE**: To learn about your computer keyboard shortcut keys, see *Quick Start Guide* at **dell.com/support**.	

Keyboard

Type	Backlit keyboard
Shortcut keys	Some keys on your keyboard have two symbols on them. Two symbols indicate that the key can be used to type alternate characters or to perform secondary functions. To type the alternate character, press Shift and the desired key. To perform secondary functions, press Fn and the desired key. **NOTE:** You can define the primary behavior of the shortcut keys by changing the **Function Key Behavior** in System Setup.

Camera

Resolution:	
Still image	0.92 megapixels
Video (maximum)	1280 x 720 (HD) at 30 fps
Diagonal viewing angle	74 degrees

Touchpad

Resolution:	
Horizontal	1273 dpi
Vertical	1217 dpi
Dimensions:	
Width	4.13 in (105 mm)
Height	3.15 in (80 mm)

Battery

	6-cell (61 Wh)	**6-cell (91 Wh)**
Type	**6-cell (61 Wh)**	**6-cell (91 Wh)**
Dimensions:		
Width	10.63 in (270 mm)	13.48 in (342.4 mm)
Depth	3.65 in (92.65 mm)	3.65 in (92.65 mm)
Height	0.35 in (9 mm)	0.35 in (9 mm)
Weight	0.71 lb (0.32 kg)	0.97 lb (0.44 kg)
Voltage	11.1 VDC	11.1 VDC
Charging time (approximate)	3 hours when the computer is off.	4 hours when the computer is off.
Operating time (approximate)	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	
Life span (approximate)	300 discharge/charge cycles	
Temperature range:		
Operating (approximate)	0 °C to 35 °C (32 °F to 95 °F)	
Storage	−20 °C to 65 °C (−4 °F to 149 °F)	
Coin-cell battery	CR-2032	

Power Adapter

Type	130 W
Input voltage	100 VAC–240 VAC
Input current (maximum)	1.80 A
Input frequency	50 Hz–60 Hz
Output current (continuous)	6.67 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0 °C to 40 °C (32 °F to 104 °F)
Storage	−40 °C to 70 °C (−40 °F to 158 °F)

Computer Environment

Temperature range:	
Operating	0 °C to 40 °C (32 °F to 104 °F)
Storage	−40 °C to 70 °C (−40 °F to 158 °F)
Relative humidity (maximum):	
Operating	10% to 90% (non-condensing)
Storage	10% to 95% (non-condensing)
Vibration (maximum):	
Measured using a random vibration spectrum that simulates user environment	
Operating	0.66 GRMS
Storage	1.30 GRMS
Shock (maximum):	
Measured with hard drive in operating status and a 2-ms half-sine pulse for operating. Also measured with hard drive in head-parked position and a 2-ms half-sine pulse for storage	
Operating	110 G
Storage	160 G
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)
Airborne contaminant level	G1 as defined by ISA-S71.04-1985