DELL XPS 14

Specifications

Dimensions

Height	21.70 mm (0.85 inch)
Width	335.80 mm (13.22 inches)
Depth	233.00 mm (9.17 inches)
Weight (with 8-cell battery)	configurable to less than 2.13 kg (4.70 lb) **NOTE:** The weight of your laptop may vary depending on the configuration ordered and the manufacturing variability.

System information

Computer model	XPS L421X
Processor	• Intel Core i5 (3rd generation) • Intel Core i7 (3rd generation)
System chipset	Intel HM77 Express Chipset

Memory

Connectors	one internally-accessible DDR3 SODIMM socket
Capacities	4 GB and 8 GB
Minimum memory	4 GB
Maximum memory	8 GB
Memory type	1333/1600 MHz, non-ECC, dual-channel DDR3
Memory configurations supported	4 GB and 8 GB

Ports and connectors

Audio	one microphone/headphone combo port
HDMI	one 19-pin port
Network adapter	one RJ45 port
Mini-DisplayPort	one 20-pin port
USB	• one 9-pin USB 3.0 port • one 9-pin USB 3.0 port with PowerShare and Windows debugging

Communications

Network adapter	10/100/1000 Mbps Ethernet controller on system board
Wireless	2x2 WLAN b/g/n - Intel Wireless Display (WiDi) 3.0 - Bluetooth 4.0 - WWAN - WiMax

Video

Type	
Integrated	Intel HD 4000
Discrete	NVIDIA GeForce GT 630M
Memory	
Integrated	system shared memory
Discrete	1 GB GDDR5 VRAM

Audio

Controller	Integrated Intel High Definition Audio with Waves MaxxAudio4
Speaker	single 4-ohms speakers in both the left and right speaker assembly
Internal speaker amplifier	up to 3 W per channel; up to 5 W total power
Internal microphone	dual digital microphones in the camera assembly
Volume controls	program menus and keyboard media-control keys

Storage

Interface	SATA
Drives supported	- one 63.50 mm (2.50 inches) SATA hard drive - one 63.50 mm (2.50 inches) solid-state drive - one mSATA drive through a mini-card
Storage drives configurations	- one SATA hard drive only - one SATA hard drive + one mSATA - one 63.50 mm (2.50 inches) solid-state drive (SSD) + one SATA

Media-card reader

Type	one 3-in-1 slot
Cards supported	• Secure Digital (SD) memory card • – Secure Digital Input Output (SDIO) • Secure Digital High Capacity (SDHC) • Secure Digital Extended Capacity (SDXC) with ultra high speed

Display

Type	14.0-inch (16:9) Corning Gorilla Glass HD+ WLED with TrueLife
Maximum resolution	1600 x 900 (900p)
Dimensions	
Height	174.15 mm (6.86 inches)
Width	309.60 mm (12.19 inches)
Diagonal	355.60 mm (14.00 inches)
Refresh rate	60 Hz
Operating angle	0 degree (closed) to 135 degrees
Horizontal viewing angle	40/40 degrees
Vertical viewing angle	10/30 (H/L)
Pixel pitch	0.1935 mm x 0.1935 mm
Controls	brightness control through keyboard shortcuts

Backlit keyboard

Type	Chiclet keyboard with LED backlit
Number of keys	• U.S. and Canada — 80 • Europe and Brazil — 81 • Japan — 84

Camera

Camera resolution	1.3 megapixel
Video resolution (maximum)	1280 x 720 at 30 fps (HD)

Touchpad

X/Y position resolution (graphics table mode)	240 cpi
Size (sensor-active area)	
Height	71.50 mm (2.82 inches)
Width	99.00 mm (3.90 inches)

Battery

Type	8-cell "smart" lithium ion (69 WHr)
Height	11.95 mm (0.47 inch)
Width	328.10 mm (12.92 inches)
Depth	95.80 mm (3.77 inches)
Weight	0.42 kg (0.93 lb)
Voltage	14.80 VDC
Charge time (approximate)	less than 4 hours (when the computer is turned off)
Operating time	battery operating time varies depending on operating conditions and can be significantly reduced under certain power-intensive conditions.
Life span (approximate)	300 discharge/charge cycles
Coin-cell battery	CR-2032

AC Adapter

Type	65 W
Input voltage	100 VAC — 240 VAC
Input current (maximum)	1.70 A
Input frequency	50 Hz — 60 Hz
Output current (continuous)	3.34 A
Output power	65 W
Rated output voltage	19.50 +/- 1 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 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	10 % to 95 % (non-condensing)

Maximum vibration (using a random vibration spectrum that simulates user environment)

Operating	0.66 GRMS
Storage	1.30 GRMS

Maximum shock (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