



Specifications

© 2013 Dell Inc.

Trademarks used in this text: Dell™, the DELL logo, and XPS™ are trademarks of Dell Inc. Intel® is a registered trademark and Core™ is a trademark of Intel Corporation in the U.S. and other countries. Bluetooth® is a registered trademark owned by Bluetooth SIG Inc. and is used by Dell under license.

2013 - 10 Rev. A00

Regulatory model: P20S | Type: P20S002

Computer model: XPS 9Q33

Dimensions

Height	7.90 mm to 19.50 mm (0.31 inch to 0.77 inch)
Width	317.30 mm (12.49 inches)
Depth	215.40 mm (8.48 inches)
Maximum weight (with 6-cell battery)	1.52 kg (3.35 lb) NOTE: The weight of your computer varies depending on the configuration ordered and the manufacturing variability.

System Information

Processor	<ul style="list-style-type: none">Intel Core i5 ULT (4th generation)Intel Core i7 ULT (4th generation)
L1 cache	32 KB
L2 cache	256 KB
L3 Cache	Up to 4 MB
System chipset	Multi-chip technology with integrated LynxPoint-LP PCH

Memory

Type	Dual channel DDR3L-RS
Speed	Up to 1600 MHz
Configurations supported	4 GB and 8 GB

NOTE: The memory on your computer is integrated on the system board.

Ports and Connectors

Audio	One headphone and microphone combo (headset) port
Video out	One mini DisplayPort
USB	<ul style="list-style-type: none">One USB 3.0 portOne USB 3.0 port with PowerShare (supports Windows debugging)
Mini-card (internal)	One full mini-card slot for mSATA card
Next-Generation Form Factor (NGFF) card (internal)	One NGFF-card slot for WLAN/BT/WiDi combo card

Communications

Network adapter	USB-to-Ethernet adapter
Wireless	<ul style="list-style-type: none">• Wi-Fi 802.11 a/b/g/n• Bluetooth 4.0+EDR• Intel Wireless Display (WiDi) 3.0• Near-Field Communication (NFC)

Video

Controller	Intel HD Graphics 4000 (UMA)
Memory	512 MB dedicated video memory
Maximum external resolution	2560 x 1600
External display support	<ul style="list-style-type: none">• Mini DisplayPort• Wireless Display (WiDi)

Audio

Controller	Intel High Definition Audio with Waves MaxxAudio 3
Speakers	Two 1 W speakers
Internal microphone	Digital array microphones in the camera assembly
Volume controls	Program menus and keyboard media-control keys

Storage

Interface	<ul style="list-style-type: none">• SATA 2.0 (3 Gb/s)• SATA 3.0 (6 Gb/s)
Drive supported	One mSATA SSD (mini-card)

Display

Type	12.5-inch Gorilla glass full HD WLED with TrueLife (16:9)
Maximum resolution	1920 x 1080
Dimensions:	
Height	155.52 mm (6.12 inches)
Width	276.48 mm (10.89 inches)
Diagonal	317.22 mm (12.49 inches)
Refresh rate	60 Hz
Viewing angle	80 degrees
Pixel pitch	0.144 mm
Controls	Brightness control through keyboard shortcuts

Keyboard

Type	Backlit chiclet keyboard
------	--------------------------

Camera

Camera resolution:	
Still image	1280 x 1024 pixels (~1.3 megapixels)
Video	1280 x 720 pixels (HD) at 30 fps (maximum)
Diagonal viewing angle	66 degrees

Touchpad

X/Y position resolution (graphics table mode)	250 dpi
Dimensions:	
Height	58.80 mm (2.31 inches)
Width	96.80 mm (3.81 inches)

Battery

Type	6-cell "smart" lithium-ion (45 WHr)
Dimensions:	
Height	5.16 mm (0.20 inch)
Width	113.16 mm (4.46 inches)
Depth	287.00 mm (11.30 inches)
Weight	0.28 kg (0.62 lb)
Voltage	7.40 VDC
Operating time	Battery operating time varies depending on operating conditions and can significantly reduce under certain power-intensive conditions
Life span (approximate)	300 discharge/charge cycles
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	CR-2032

Power Adapter

Type	45 W
Input voltage	100 VAC–240 VAC
Input current (maximum)	1.30 A
Input frequency	50 Hz–60 Hz
Output current	2.31 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 65 °C (-40 °F to 149 °F)
---------	------------------------------------

Relative humidity (maximum):

Operating	10 % to 90 % (non-condensing)
-----------	-------------------------------

Storage	10 % to 95 % (non-condensing)
---------	-------------------------------

Maximum vibration (measured 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	140 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
----------------------------	----------------------------------