DELL XPS 27

Specifications

Dimensions

Height	492.2 mm (19.4 inches)
Width	664.0 mm (26.1 inches)
Depth	
Edge	35.3 mm (1.4 inches)
Chassis	78.2 mm (3.1 inches)
Stand	
Width x Depth	250.0 mm (9.8 inches) x 250.0 mm (9.8 inches)
Weight	
Without stand	12.8 kg (28.2 lb)
With stand	16.0 kg (35.3 lb)
	NOTE: The weight of your computer varies depending on the configuration ordered and the manufacturing variability.

System Information

Processor	• Intel Core i7 (4th generation) • Intel Core i5 (4th generation)
L2 cache	256 KB per core
L3 cache	up to 8 MB
System chipset	Intel H87 Express Chipset
SDRAM bus width	1600 MT/s
BIOS EPROM	8 MB
Graphics bus	PCIe x16 Gen3

Memory

Connectors	two internally-accessible DDR3/DDR3L SODIMM sockets
Capacities	4 GB, 8 GB, and 16 GB
Type	up to 1600 MHz, non-ECC, dual-channel DDR3
Configurations supported	4 GB, 6 GB, 8 GB, and 16 GB

Stand

Tilt	-5 degrees to 60 degrees

Camera

Image resolution	2.0 megapixel
Video resolution	full HD
Diagonal viewing angle	60 degrees

Media-Card Reader

Type	one 8-in-1 slot
Cards supported	• SDXC (SD3.0) • Multi Media Card (MMC) • Secure Digital (SD) • Hi Speed-SD • Hi Capacity-SD • Memory Stick (MS) • Memory Stick PRO • xD-Picture Card

Ports and Connectors

Rear Panel Ports

Network	one RJ45 port
USB	four USB 3.0 ports
Video	• one HDMI 1.4 output port • one HDMI 1.4 input port • one Thunderbolt port (optional)

Side Panel Ports

USB	two USB 3.0 port
Audio	• one headphone port • one microphone port

Communications

Network adapter	10/100/1000 Mbps Ethernet LAN on system board
Wireless	• mini-card supporting Bluetooth 4.0, single-band Wi-Fi b/g/n, and Wi-Fi display • mini-card supporting Bluetooth 4.0, dual-band Wi-Fi a/b/g/n, and Wi-Fi display

Expansion Slots

Mini-card slots	one

Video

Video controller	
Integrated	Intel HD4600
Discrete	GeForce GT 750M
Video memory	
Integrated	system shared memory
Discrete	2 GB GDDR5
External display support	• HDMI 1.4 • Wi-Fi Display • Thunderbolt (optional)

Audio

Controller	Intel High Definition Audio with Waves MaxxAudio Pro
Speakers	
Frequency response	100 Hz - 16 KHz
Internal speaker amplifier	up to 10 W per channel
Internal microphone	dual digital-array microphones in the camera assembly
Volume controls	program menus

Storage

Internally Accessible

Interface	• SATA 3.0 • mSATA
Hard drives	one
Drives supported	one 3.5-inch hard drive
Solid-state drives (SSD) (optional)	one mSATA SSD
Drives supported	one SSD with Intel Smart Cache support

Externally Accessible

Optical drives	one slot-load drive
Drives supported	• DVD+/- RW • Blu-ray reader and DVD+/- RW combo

Display

Type	27-inches WLED Adobe RGB Quad HD touchscreen
Maximum resolution	2560 x 1440
Refresh rate	60 Hz
Pixel pitch	0.233 mm x 0.233 mm
Controls	brightness can be controlled through increase/decrease display brightness controls

Camera

Camera resolution	2.0M Pixels
Video resolution	full-HD with Skype HD certification
Diagonal viewing angle	60 degrees

Power Ratings

Input voltage	100 VAC—240 VAC
Input frequency	50 Hz—60 Hz
Output current	3.60 A

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