



Specifications

Information in this document is subject to change without notice.

© 2011 Dell Inc. All rights reserved.

Trademarks used in this text: Dell™, the DELL logo, and XPS™ are trademarks of Dell Inc. AMD® is a registered trademark of Advanced Micro Devices, Inc. Bluetooth® is a registered trademark owned by Bluetooth SIG, Inc. and is used by Dell under license.

Computer model	Dell XPS L412z
System chipset	Mobile Intel 6 series express chipset HM67
Processor type	Intel Core i3 Intel Core i5 Intel Core i7



Audio one stereo headphones/speakers connector and one microphone-in connector

Mini-Card one half Mini-Card slot

HDMI connector one 19-pin connector

Network adapter one RJ45 connector

USB one 4-pin USB 3.0-compliant connector
one 4-pin USB 2.0-compliant connector

Mini-DisplayPort one 20-pin connector

Media Card Reader one 7-in-1 slot



Cards
supported

Secure Digital (SD)
memory card

Secure Digital
Extended Capacity
(SDXC)

Secure Digital High
Capacity (SDHC)

Memory Stick (MS)

Memory Stick PRO
(MS-PRO)

MultiMedia Card
(MMC)

xD-Picture Card



Camera
resolution

1.3 megapixel HD

Video
resolution

1280 x 720



Network adapter	10/100/1000 Ethernet LAN on system board
-----------------	--

Wireless (optional)	WLAN, WiDi, and Bluetooth wireless technology
---------------------	---



Audio

Audio controller Realtek ALC259

Speakers 2 x 1 Watt

Volume controls software program menus and media controls

Video

Video controller

UMA Intel HD Graphics

Discrete NVIDIA GeForce GT 520M



Type	14.0-inch HD WLED, TrueLife
Height	173.95 mm (6.84 inches)
Width	309.40 mm (12.18 inches)
Diagonal	355.59 mm (14.0 inches)
Maximum resolution	1366 x 768
Refresh rate	60 Hz
Operating angle	0° (closed) to 135°
Horizontal viewing angle	40/40
Vertical viewing angle	10/30 (H/L)
Pixel pitch	0.2265 mm x 0.2265 mm



Type	8-cell "smart" lithium ion
Height	11 mm (0.43 inches)
Depth	235.65 mm (9.2 inches)
Width	94.13 mm (3.70 inches)
Weight	0.43 kg (0.96 lb)
Voltage	14.8 V
Approximate charging time	4 hours (when the computer is turned off)
Operating time	varies depending on operating conditions
Type	coin-cell battery CR-2032



NOTE: Use only AC adapters specified for use with your computer. See the safety information that shipped with your computer.

Input voltage	100–240 VAC
---------------	-------------

Input current (maximum)	1.50 A
----------------------------	--------

Input frequency	50–60 Hz
--------------------	----------

Output power	65 W or 90 W
--------------	--------------

Output current:

65 W	3.34 A (continuous)
------	---------------------

90 W	4.62 A (continuous)
------	---------------------

Rated output voltage	19.5 VDC
-------------------------	----------

Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
--------------------------	------------------------------------

Storage temperature	–40 °C to 70 °C (–40 °F to 158 °F)
------------------------	---------------------------------------



X/Y position 240 cpi
resolution
(graphics
table mode)

Size:

Width 100 mm (3.94 inches)

Height 53 mm (2.08 inches)



Height	23.0 mm (0.90 inches)
Width	335 mm (13.18 inches)
Depth	234 mm (9.21 inches)
Weight (with 8-cell battery)	configurable to less than 2.0 kg (4.40 lbs)



Temperature range:

Operating 0 °C to 35 °C
(32 °F to 95 °F)

Storage -40° to 65°C
(-40° to 149°F)

Relative humidity (maximum):

Operating 10 % to 90 %
(noncondensing)

Storage 5 % to 95 %
(noncondensing)

Maximum shock (for operating — measured with Dell Diagnostics running on the hard drive and a 2-ms half-sine pulse; for non-operating — measured with the hard drive in head-parked position and a 2-ms half-sine pulse):

Operating 110 G

Non-

Operating

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

Operating 0.66 GRMS

Non-
Operating 1.30 GRMS

Altitude (maximum):

Operating -15.2 to 3048 m
(-50 to 10,000 ft)

Storage -15.2 to 10,668 m
(-50 to 35,000 ft)

Airborne
contaminant
level G2 as defined by
ISA-S71.04-1985

