




Dell™ Inspiron™ 1012: Comprehensive Specifications

This document provides information that you may need when setting up, updating drivers for, and upgrading your computer.



NOTE: Offerings may vary by region. For more information regarding the configuration of your computer, click **Start**  → **Help and Support** and select the option to view information about your computer.

Processor

Type	Intel® Atom™ single core
L2 cache	512 KB
External bus frequency	533 MHz and 667 MHz

Computer Information

System chipset	Intel NM10 Express Chipset
Data bus width	64 bits
DRAM bus width	single channel 64-bit buses
Flash EPROM	2 MB
Processor address bus	32 bits
Graphic bus	32 bits

Memory Card Reader

Card reader controller	RealTek RTS5159
Card reader connector	3-in-1
Flash cards supported	<ul style="list-style-type: none">• Secure Digital (SD) memory card• Secure Digital High Capacity (SDHC) card• Multimedia Card (MMC)• Memory Stick• Memory Stick PRO

Memory

Memory connector	one user accessible SODIMM connector
Memory capacities	1 GB and 2 GB
Memory type	800 MHz DDR2 (operates at 667 MHz)
Memory configurations	1 GB and 2 GB

NOTE: For instructions on upgrading memory, see the *Service Manual* at support.dell.com/manuals.

Connectors

Audio	one microphone-in connector and one stereo headphone/speaker connector
Mini-Card	one full Mini-Card slot and two half Mini-Card slots
Network adapter	one RJ45 connector
USB	three 4-pin USB 2.0-compliant connectors
VGA	one 15-hole connector
Antenna in (optional)	one MCX connector

Communications

Modem interface	external V.92 56K USB (optional)
Network adapter	10/100 Mbps Ethernet
Wireless	Wireless LAN, Bluetooth wireless technology, WWAN/GPS, WiMax

Video

Video type	integrated on system board
Video controller	Intel GMA 3150
Video memory	8 MB system memory (shared)
LCD interface	LVDS
Video decoder (optional)	Crystal HD Media Accelerator
Frame rate	Upto 30 fps
Resolution	Upto 1080p or 1920x1088
Formats	Codec Support MPEG-4, DivX(MPEG-4), AVC(H.264), VC-1(WMV-9)

Audio

Audio type	2-channel High Definition Audio
Audio controller	Realtek ALC272
Stereo conversion	24-bit (analog-to-digital and digital-to-analog)
Internal interface	Intel High Definition audio
Speakers	two 1.0 watt speakers
Volume controls	keyboard function keys and program menu

Camera

Camera resolution	1.3 megapixel
Video resolution	640 x 480 at 30 fps
Diagonal viewing angle	66°

Display

Type (WLED)	10.1 inch WSVGA TrueLife™ 10.1 inch HD TrueLife
Height	222.72 mm (8.77 inches)
Width	125.28 mm (4.93 inches)
Diagonal	255.52 mm (10.10 inches)
Luminance	
WSVGA	200 cd/m2
HD	250 cd/m2
Maximum resolution	
WSVGA	1024 x 600
HD	1366 x 768
Refresh rate	60 Hz
Operating angle	0° (closed) to 135°
Horizontal viewing angle	±40° (LED) minimum
Vertical viewing angle	+10°/-30° (LED) minimum
Pixel pitch	
WSVGA	0.2175 x 0.2088 mm
HD	0.16305 x 0.16305mm
Controls	brightness can be controlled through keyboard shortcuts (see the <i>Dell Technology Guide</i> for more information)

Keyboard

Number of keys	82 (Korea, U.S, and Canada); 83 (Europe); 86 (Japan)
Layout	QWERTY/AZERTY/Kanji

Touch Pad

X/Y position resolution (graphics table mode)	240 cpi
Width	38 mm (1.49 inches) sensor-active area
Height	78.5 mm (3.09 inches) rectangle

Battery

Type

3-cell "smart" lithium ion	2.6Ahr, 28Whr
6-cell "smart" lithium ion	2.6Ahr, 56Whr or 2.8Ahr, 60Whr

Dimensions

Depth	60.62 mm (2.39 inches)
Height	22.56 mm (0.89 inches)
Width	206 mm (8.11 inches)

Weight	0.23 kg (0.50 lb) (3-cell) 0.36 kg (0.79 lb) (6-cell)
--------	--

Voltage	11.1 VDC
---------	----------

Charge time when the computer is turned off (approximate)	3.0 hours (3-cell)/4.0 hours (6-cell)
---	---------------------------------------

Life span (approximate)	300 discharge/charge cycles
-------------------------	-----------------------------

Temperature range

Operating	0° to 35°C (32° to 95°F)
Storage	-40° to 65°C (-40° to 149°F)

Coin-cell battery	CR-2032
-------------------	---------

AC Adapter

Input voltage	100–240 VAC
Input current	0.8 A or 1.0 A
Input frequency	50–60 Hz
Output power	30 W
Output current	1.58 A
Rated output voltage	19.0 VDC
Temperature range	
Operating	0° to 40°C (32° to 104°F)
Storage	–20° to 70°C (–4° to 158°F)

Physical

Height	25.5 mm to 32.8 mm(0.98 inches to 1.29 inches)
Width	268 mm (10.6 inches)
Depth	196.6 mm (7.74 inches)
Weight (with 3-cell battery)	configurable to less than 1.25 kg (2.75 lb)

Computer Environment

Temperature range	
Operating	0° to 35°C (32° to 95°F)
Storage	–40° to 65°C (–40° to 149°F)
Relative humidity (maximum)	
Operating	10% to 90% (non-condensing)
Storage	5% to 95% (non-condensing)
Maximum vibration (using a random vibration spectrum that simulates user environment)	
Operating	0.66 GRMS
Non-Operating	1.30 GRMS

Computer Environment (continued)

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 hard drive in head-parked position and a 2-ms half-sine pulse)

Operating	110 GRMS
Non-Operating	160 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 or lower as defined by ISA-S71.04-1985

Information in this document is subject to change without notice.

© 2009 Dell Inc. All rights reserved.

Reproduction of these materials in any manner whatsoever without the written permission of Dell Inc. is strictly forbidden.

Trademarks used in this text: *Dell*, the *DELL* logo, *TrueLife*, and *Inspiron* are trademarks of Dell Inc.; *Intel* is a registered trademark and *Atom* is a trademark of Intel Corporation in the U.S. and other countries; *Microsoft* and *Windows* are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Dell Inc. disclaims any proprietary interest in trademarks and trade names other than its own.

