

Dell™ Inspiron™ 1470/1570 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.

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Model: P04F and P04G series

Type: P04F001 and P04G001

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Processor

Processor types	Intel® Pentium® Single-Core Intel® Core™ 2 Solo Intel Core2 Duo
L2 cache	1 MB, 2 MB, or 3 MB per core depending on model
External bus frequency	533/800 MHz

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Computer Information

System chipset	Intel GS45 + ICH9M SFF
Data bus width	64 bits
DRAM bus width	dual-channel (2) 64-bit buses
Processor address bus width	36 bits
Flash EPROM	SPI 2 MB
Graphics bus	PCI-E

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7-in-1 Memory Card Reader

Card reader controller	Realtek RTS5159
Card reader connector	7-in-1 combo card connector
Flash cards supported	Secure Digital (SD) SD High-Density (SDHD) SD High-Capacity (SDHC) MultiMediaCard (MMC/MMC+) xD-Picture Card Memory Stick Memory Stick Pro

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Memory

Memory connectors	two user-accessible SODIMM connectors
Memory capacities	1 GB, 2 GB, 4 GB
Memory type	DDR3 1067 MHz
Memory configurations	2 GB, 4 GB, 6 GB, 8 GB

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

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Connectors

Audio	one microphone-in connector one stereo headphone/speaker connector
Mini-Card	one half size connector
HDMI	one 19-pin connector
Network adapter	one RJ45 connector
USB	three 4-pin USB 2.0-compliant connectors
Video	one 15-hole connector

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Communications

Modem interface	External V.92 56K USB
Network adapter	10/100/1000 Ethernet LAN on system board
Wireless	WLAN and Bluetooth® wireless technology

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Video

Discrete video type	integrated on system board
Discrete video controller	ATI Mobility Radeon HD 4570/4650
Discrete video memory	DDR3 512 MB
UMA video type	integrated on system board
UMA video controller	Mobile Intel GMA 4500HD
UMA video memory	up to 358 MB of shared memory
LCD interface	Low-voltage differential signaling (LVDS)
TV support	HDMI 1.3

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Audio

Audio type	2.0 channel with SRS enhanced audio
Audio controller	RealTek
Stereo conversion	24-bit (analog-to-digital and digital-to-analog)
Internal interface	Intel High Definition Audio
Speakers	two 2.0 watt speakers
Volume controls	keyboard function keys

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Camera

Camera resolution	1.3 megapixel
Video resolution	160 x 120 ~ 1280 x 1024 (160 x 120 ~ 640 x 480 at 30 fps)
Diagonal viewing angle	65.5°

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Display

Inspiron 1470	
Type	14.0-inch HD WLED backlight with TrueLife
Height	173.95 mm (6.85 inches)
Width	309.4 mm (12.2 inches)
Diagonal	355.6 mm (14.0 inches)
Luminance	200 nits
Inspiron 1570	
Type	15.6-inch HD WLED backlight with TrueLife
Height	193.54 mm (7.62 inches)
Width	344.23 mm (13.55 inches)
Diagonal	396.42 mm (15.6 inches)

Luminance	200 nits
Maximum resolution	1366 x 768
Refresh rate	60 Hz
Operating angle	0° (closed) to 140°
Horizontal viewing angle	40/40
Vertical viewing angle	15/30 (H/L)
Pixel pitch	0.252 x 0.252 mm
Controls	brightness can be controlled through keyboard shortcuts (see the <i>Dell Technology Guide</i> for more information)

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Keyboard

Number of keys	86 (U.S. and Canada); 87 (Europe); 90 (Japan); 87 (Brazil)
Layout	QWERTY/AZERTY/Kanji

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Touch Pad

X/Y position resolution (graphics table mode)	240 cpi
Width	79.5 mm (3.13 inches) sensor-active area
Height	40.2 mm (1.58 inches) rectangle

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Battery

4-cell/6-cell "smart" lithium ion	
Depth	53.2 mm (2.09 inches)
Height	21.4 mm (0.84 inches)
Width	209.4 mm (8.24 inches)
Weight	0.26 kg (0.57 lb) (4-cell) 0.35 kg (0.77 lb) (6-cell)
9-cell "smart" lithium ion	
Depth	53.2 mm (2.09 inches)
Height	41.7 mm (1.64 inches)
Width	264.6 mm (10.41 inches)
Weight	0.52 kg (1.15 lb)
Voltage	11.1 VDC
Charge time (approximate)	4 hours (when the computer is turned off)

Life span (approximate)	300 discharge/charge cycles
Coin-cell battery	CR-2032

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AC Adapter

Input voltage	100–240 VAC
Input current	1.5 A
Input frequency	50–60 Hz
Output power	65 W
Output current	3.34 A (continuous)
Rated output voltage	19.5 ± 1 VDC
Operating temperature	0° to 40°C (32° to 104°F)
Storage temperature	–40° to 70°C (–40° to 158°F)

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Physical

Inspiron 1470	
Height	26.3 mm to 29.2 mm (1.03 inches to 1.5 inches)
Width	340.0 mm (13.39 inches)
Depth	242.5 mm (9.54 inches)
Weight (with ODD Airbay and 4-cell battery)	configurable to less than 1.89 kg (4.17 lb)
Inspiron 1570	
Height	26.3 mm to 29.2 mm (1.03 inches to 1.5 inches)
Width	380.0 mm (14.96 inches)
Depth	247.9 mm (9.76 inches)
Weight (with ODD Airbay and 4-cell battery)	configurable to less than 2.18 kg (4.81 lb)

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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

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 G
Non-Operating	1.60 G

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
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