



Specifications

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Regulatory Model: P15E | Type: P15E001

Computer Model: Inspiron 5720/7720

Dimensions

Height (front and back)	31.70 mm to 37.10 mm (1.25 inches to 1.46 inches)
Table height (front and back)	36.10 mm to 39.70 mm (1.42 inches to 1.56 inches)
Width	416.80 mm (16.41 inches)
Depth	276.00 mm (10.87 inches)
Weight (with 6-cell battery)	
Inspiron 17R-5720	3.24 kg (7.14 lb)
Inspiron 17R-7720	3.42 kg (7.54 lb)

NOTE: The weight of your laptop will vary depending on the configuration ordered and the manufacturing variability

System information

Computer Model	Inspiron 17R-5720 Inspiron 17R-7720
Processor	Intel Pentium dual core Intel Core i3 Intel Core i5 Intel Core i7
System chipset	Intel HM77 chipset

Memory

Connectors	two internally-accessible DDR3 SODIMM sockets
Capacities	2 GB and 4 GB
Minimum memory	2 GB
Maximum memory	4 GB
Memory type	1333/1600 MHz DDR3 SODIMM
Memory configurations supported	2 GB, 4 GB, 6 GB, and 8 GB

Communications

Modem (optional)	external V.92 56 K USB modem
Network adapter	10/100 Mbps Ethernet LAN on system board
Wireless	WLAN, WiMax, Wi-Fi abgn/bgn, Wi-Di (optional), and Bluetooth wireless technology
	NOTE: Inspiron 17R-7720 with 3D support does not support WiDi.

Ports and connectors

Audio	one microphone-in port one stereo headphone/speaker/microphone combo port one digital microphone
Mini-Card	one half-size Mini-Card slot one full-size Mini-Card slot (optional)
HDMI	one 19-pin port
Network adapter	one RJ45 port
USB	three 9-pin USB 3.0-compliant ports one 9-pin USB 3.0-compliant port with PowerShare and Windows debugging
Media Card Reader	one 8-in-1 slot
Video	one 15-hole port
mSATA (optional)	one mSATA port that supports up to 32 GB

Audio

Controller	IDT 92HD94
Speaker	2 W
Internal microphone support	single digital microphone in camera assembly
Volume controls	program menus and keyboard media control keys

Video

Inspiron 17R-5720

Integrated	Intel HD graphics
Discrete	NVIDIA GeForce GT 630M
Video memory	
Integrated	1 GB
Discrete	1 GB

Inspiron 17R-7720

Discrete	NVIDIA GeForce GT 650M
Video memory	
Discrete	2 GB

Media Card Reader

Cards supported	Secure Digital (SD) memory card Secure Digital High Capacity (SDHC) Secure Digital Extended Capacity (SDXC) with ultra high speed Memory Stick Memory Stick PRO (MS-PRO) Memory Stick Extended Capacity (MSXC) MultiMedia Card (MMC) MultiMedia Card plus (MMC+)
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Power adapter connector

Type	65 W/90 W/130 W
Input voltage	100–240 VAC
Input current (maximum)	1.50 A/1.60 A/1.70 A/2.30 A/2.50 A
Input frequency	50–60 Hz
Output current (continuous)	3.34 A/4.62 A/6.70 A
Output power	65 W/90 W/130 W
Rated output voltage	19.50 ± 1 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)

Touchpad

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

Size

Height 52.7 mm (2.07 inches) sensor-active area

Width 97.0 mm (3.82 inches) rectangle

Backlit keyboard

Number of keys 102 (U.S.); 103 (United Kingdom); 106 (Japan);
105 (Brazil)

Battery

6-cell "smart" lithium ion

Height 20 mm (0.79 inches)

Width 208 mm (8.19 inches)

Depth 51 mm (2.00 inches)

Weight 0.33 kg (0.73 lb)

Voltage 11.1 VDC

Charge time
(approximate) 4 hours (when the computer is turned off)

Operating time battery operating time varies depending on
operating conditions and can be significantly
reduced under certain power-intensive conditions

Coin-cell battery CR-2032

Display

Type

Inspiron 17R-5720	17.3" HD+ WLED TrueLife (1600 x 900)
Inspiron 17R-7720	17.3" FHD WLED, AG (1920 x 1080); 17.3" FHD WLED, TrueLife with NVIDIA 3D support (optional) (1920 x 1080)

Maximum resolution 1920 x 1080

Dimensions

Height/Width	214.92 mm (8.46 inches)/381.89 mm (15.04 inches)
Diagonal	438.21 mm (17.25 inches)

Refresh rate 60 Hz; 120 Hz (3D)

Operating angle 0° (closed) to 140°

Horizontal viewing angle 40/40 for HD+; 60/60 for FHD

Vertical viewing angle 15/30 (H/L) for HD+; 50/50 for FHD

Pixel pitch 0.23 mm x 0.23 mm (HD+);
0.20 mm x 0.20 mm (FHD)

Controls brightness can be controlled through keyboard shortcuts

Camera

Camera resolution 720p HD; 1280 x 720 pixels

Video resolution (maximum) 1280 x 720 pixels

Diagonal viewing angle 60°

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	1.3 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