



INSPIRON One 2020

## Specifications

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2013 - 10 Rev. A00

Regulatory model: W06B | Type: W06B001

Computer model: Inspiron One 2020

## Dimensions

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Height 376.9 mm (14.8 inches)

Width 506.8 mm (20.0 inches)

Depth

Edge (touch) 35.0 mm (1.4 inches)

Chassis (touch) 65.5 mm (2.6 inches)

Edge (non-touch) 34.5 mm (1.4 inches)

Chassis (non-touch) 63.2 mm (2.5 inches)

### Stand

Width x Depth 220.0 mm (8.7 inches) x 220.0 mm (8.7 inches)

### Weight (approximate)

Without stand (touch) 7.1 kg (15.6 lb)

With stand (touch) 8.6 kg (18.9 lb)

Without stand (non-touch) 5.9 kg (13.0 lb)

With stand (non-touch) 7.4 kg (16.3 lb)

**NOTE:** The weight of your computer varies depending on the configuration ordered and the manufacturing variability.

## System Information

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Computer model Inspiron One 2020

Processor

- Intel Core i5 (3rd generation)
- Intel Core i3 (3rd generation)
- Intel Pentium dual core
- Intel Celeron dual core

L2 cache 256 KB

L3 cache up to 8 MB

System chipset Intel H61 Express Chipset

SDRAM bus width up to 1600 MT/s

BIOS EPROM 4 MB + 2 MB

Graphics bus PCIe x16 Gen2

## Memory

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Connectors	two internally-accessible DDR3 SODIMM sockets
Capacities	2 GB and 4 GB
Type	non-ECC, dual-channel DDR3
Speed	up to 1600 MHz
Configurations supported	2 GB, 4 GB, 6 GB, and 8 GB

## Stand

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Tilt	-5 degrees to 30 degrees
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## Camera

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Resolution	720p HD; 1280 x 720 pixels
Video resolution (maximum)	1280 x 720 pixels
Diagonal viewing angle	66 degrees

## Media-Card Reader

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Type	one 8-in-1 slot
Cards supported	<ul style="list-style-type: none"><li>Secure Digital Extended Capacity (SDXC)</li><li>Multi Media Card (MMC)</li><li>Secure Digital (SD)</li><li>Hi Speed-SD</li><li>Hi Capacity-SD</li><li>Memory Stick (MS)</li><li>Memory Stick PRO</li><li>xD-Picture Card</li></ul>

## Ports and Connectors

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### Rear Panel Ports

USB	three USB 2.0 ports
Network	one RJ45 port

### Side Panel Ports

USB	two USB 2.0 port
Audio	<ul style="list-style-type: none"><li>one headphone port</li><li>one microphone port</li></ul>

## Communications

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Network adapter	10/100/1000 Mbps Ethernet LAN on system board
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|----------|---|
| Wireless | <ul style="list-style-type: none"><li>• mini-card supporting single-band Wi-Fi b/g/n and Wi-Fi display</li><li>• mini-card supporting Bluetooth 4.0, single-band Wi-Fi b/g/n, and Wi-Fi display</li></ul> |
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## Expansion Slots

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Mini-card slots	one half-height slot
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## Video

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Video controller

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| Integrated | <ul style="list-style-type: none"><li>• Intel HD graphics</li><li>• Intel HD2500</li></ul> |
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Discrete	GeForce 610M
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Video memory

Integrated	system shared memory
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Discrete	1 GB GDDR3
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## Audio

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Controller	Intel High Definition Audio with Waves MaxxAudio 3
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Speakers	2 x 3 W
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Internal microphone	single microphone in camera assembly
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Volume controls	program menus
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## Storage

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Interface	SATA 2.0
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### **Internally accessible**

Hard drives	one
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Drives supported	one 3.5-inch hard drive
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### **Externally accessible**

Optical drives	one tray-load drive
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Drives supported	DVD+/- RW
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## Display

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Type	20.2-inches FHD WLED touchscreen
Maximum resolution	1600 x 900
Dimensions	
Height	249.08 mm (9.81 inches)
Width	442.80 mm (17.43 inches)
Diagonal	513.10 mm (20.20 inches)
Refresh rate	60 Hz
Horizontal viewing angle	150 degrees to 170 degrees
Vertical viewing angle	140 degrees to 160 degrees
Pixel pitch	0.27 mm x 0.27 mm
Controls	brightness can be controlled through display-brightness increase/decrease button

## AC Adapter

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Type	130 W
Input voltage	100 VAC-240 VAC
Input current (maximum)	2.50 A
Input frequency	50 Hz-60 Hz
Output current (continuous)	6.70 A
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)

## Computer Environment

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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