



## Specifications

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Regulatory model: D14M | Type: D14M001

Computer model: XPS 8700

## Dimensions

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Height (front and back)	406.80 mm (16.0 inches)
Width	185.34 mm (7.3 inches)
Depth	444.26 mm (17.5 inches)
Average Weight	13.8 kg (30.42 lb)

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

## System Information

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Model	XPS 8700
Processor	Intel Core i5 (4th Generation) Intel Core i7 (4th Generation)
L2 cache	256 KB
L3 cache	up to 8 MB
System chipset	Intel Z87
DMI speed	5.0 GT/s
Processor data width	64 bits
RAID support (internal SATA drives only)	RAID 0, RAID 1, RAID 5 and RAID 10

## Memory

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Connectors	four internally-accessible DDR3L DIMM sockets
Type	unbuffered, Non-ECC, quad-channel DDR3
Speed	up to 1600 MHz
Capacities	4 GB and 8 GB
Configurations supported	4 GB, 8 GB, 12 GB, 16 GB, 24 GB and 32 GB
Minimum	4 GB
Maximum	32 GB

## Ports

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### Back Panel Ports

Network adapter	one RJ45 port
USB	<ul style="list-style-type: none"><li>• two USB 2.0 ports</li><li>• four USB 3.0 ports</li></ul>
Audio	<ul style="list-style-type: none"><li>• four audio output/headphone ports</li><li>• one audio input port</li><li>• one microphone port</li></ul>
Video	<ul style="list-style-type: none"><li>• one DisplayPort</li><li>• one HDMI port</li></ul>

### Front Panel Ports

USB	<ul style="list-style-type: none"><li>• two USB 3.0 ports</li></ul>
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### Top Panel Ports

USB	<ul style="list-style-type: none"><li>• one USB 2.0 port</li><li>• one USB 2.0 port with PowerShare</li></ul>
Audio	<ul style="list-style-type: none"><li>• one audio output/headphone port</li><li>• one microphone port</li></ul>

## Communications

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Network adapter	10/100/1000 Mbps integrated network card
Wireless	Wi-Fi and Bluetooth wireless technology

## Video

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### Video controller

Discrete	one PCI-Express x16, single-width, full length graphics card
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### Video Memory

Discrete	upto 2 GB (GDDR5)
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## Audio

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Type	integrated high-definition 7.1 channel audio
Controller	REALTEK ALC3861

## Storage

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Interface	<ul style="list-style-type: none"><li>• SATA 3.0</li><li>• mSATA</li></ul>
Hard drives	three
Drives supported	three 3.5-inch hard drives
Solid-state drives (SSD) (optional)	one
Drives supported	one mSATA SSD
Optical drives	two
Drives supported	<ul style="list-style-type: none"><li>• DVD+/-RW</li><li>• Blu-ray reader</li><li>• Blu-ray disc writer</li></ul>

## Media-card reader

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Type	one 19-in-1 slot
Cards supported	<ul style="list-style-type: none"><li>• Compact Flash I, II</li><li>• Compact Flash MD</li><li>• Secure Digital (SD)</li><li>• Secure Digital mini SD</li><li>• Secure Digital HC Class 2, 4, 6</li><li>• Multi Media Card (MMC)</li><li>• Multi Media Card Plus</li><li>• RS MMC</li><li>• Multi Media Card (MMC) Mobile</li><li>• Secure Digital Extended Capacity (SDXC)</li><li>• Memory Stick (MS)</li><li>• Memory Stick Pro</li><li>• Memory Stick Duo</li><li>• Memory Stick Pro Duo</li><li>• Memory Stick Pro-HG Duo</li><li>• Memory Stick XC</li><li>• Smart Media</li><li>• Smart Media xD</li></ul>

## Expansion Bus

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### PCI Express x1:

Connectors	two
Connector size	36-pin

### PCI Express x4:

Connectors	one
Connector size	64-pin

### PCI Express x16:

Connectors	one
Connector size	164-pin

### PCI Express mini-card

Connectors	two
Connector size	52-pin

## Power

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Input voltage	100-240 VAC
Input frequency	50 Hz/60 Hz
Rated input current	8.0 A/4.0 A

## Computer Environment

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### Temperature range

Operating	10 °C to 35 °C (50 °F to 95 °F)
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Storage	-10 °C to 45 °C (14 °F to 113 °F)
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Relative humidity (maximum)	20% to 80% (noncondensing)
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**NOTE:** Maximum vibration (using a random vibration spectrum that simulates user environment)

Operating	0.25 GRMS
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Storage	2.20 GRMS
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**NOTE:** 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 pluse for storage)

Operating	40 G for 2 ms with a change in velocity of 20 in/s (51 cm/s)
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Storage	50 G for 26 ms with a change in velocity of 320 in/s (813 cm/s)
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### Altitude (maximum)

Operating	-15.20 m to 5000 m (-50 ft to 16,404 ft)
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Storage	-15.20 m to 10,668 m (-50 ft to 35,000 ft)
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Airborne contaminant level	G2 or lower as defined by ISA-S71.04-1985
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