



Specifications

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Regulatory model: D14M | Type: D14M001

Computer model: XPS 8700

Dimensions

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

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

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

Back Panel Ports

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

Front Panel Ports

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

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

Communications

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

Video

Video controller	
Discrete	one PCI-Express x16, single-width, full length graphics card
Video Memory	
Discrete	upto 2 GB (GDDR5)

Audio

Type	integrated high-definition 7.1 channel audio
Controller	REALTEK ALC3861

Storage

Interface	<ul style="list-style-type: none">• SATA 3.0• mSATA
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">• DVD+/-RW• Blu-ray reader• Blu-ray disc writer

Media-card reader

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

Expansion Bus

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

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

Computer Environment

Temperature range

Operating	10 °C to 35 °C (50 °F to 95 °F)
Storage	–10 °C to 45 °C (14 °F to 113 °F)

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
Storage	2.20 GRMS

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)
Storage	50 G for 26 ms with a change in velocity of 320 in/s (813 cm/s)

Altitude (maximum)

Operating	–15.20 m to 5000 m (–50 ft to 16,404 ft)
Storage	–15.20 m to 10,668 m (–50 ft to 35,000 ft)

Airborne contaminant level	G2 or lower as defined by ISA-S71.04-1985
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