



Specifications

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Regulatory Model: D03M | Type: D03M005

Computer Model: XPS 8500

Dimensions

Height (front and back)	444.26 mm (17.49 inches)
Width	184.34 mm (7.30 inches)
Depth	406.39 mm (16.00 inches)
Average Weight	13.80 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 8500
Processor	<ul style="list-style-type: none">• Intel Core i5 (3rd Generation)• Intel Core i7 (3rd Generation)
System chipset	Intel H77

Memory

Connectors	four internally-accessible DDR3 DIMM sockets
Type	unbuffered, Non-ECC, dual-channel DDR3
Speed	up to 1600 MHz
Capacities	2 GB, 4 GB, and 8 GB
Configurations supported	2 GB, 4 GB, 8 GB, 12 GB, 16 GB, and 32 GB
Minimum	2 GB
Maximum	32 GB

Video

Video controller

Integrated	Intel HD Graphics 2500/4000
Discrete	<ul style="list-style-type: none">• NVIDIA GeForce GT 620 – 1 GB GDDR5• AMD Radeon HD 7570 – 1 GB GDDR5• NVIDIA GeForce GT 640 – 1 GB GDDR5• AMD Radeon HD 7770 – 2 GB GDDR5• AMD Radeon HD 7870 – 2 GB GDDR5

Video Memory

Integrated	up to 1 GB
Discrete	1 GB GDDR5 and 2 GB GDDR5

Audio

Type	integrated high-definition 7.1 channel audio with S/P DIF support
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Controller	ALC3800-CG
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Communications

Network adapter	10/100/1000 Mbps integrated network card
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Wireless	<ul style="list-style-type: none">• Wi-Fi 802.11 b/g/n• Bluetooth 4.0
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Drives

Externally accessible	two 5.25-inch optical drives
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Drives supported	<ul style="list-style-type: none">• Blu-ray writer and DVD+/-RW• Blu-ray reader and DVD+/-RW combo• DVD+/-RW
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Internally accessible	<ul style="list-style-type: none">• two 3.5-inch SATA hard drives• one mSATA SSD
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RAID support (internal SATA drives only)	RAID 0, RAID 1, RAID 5, and RAID 10
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Expansion bus

PCI-Express x1	three 36-pin connectors
PCI-Express x16	one 164-pin connector
PCI-Express mini-card	one 52-pin connector

Media-card reader

Cards supported	<ul style="list-style-type: none">• CF Type I and II• Micro drive• SD• Mini SD• SDHC Class 2, 4, and 6• MMC• MMC mobile• MMC plug• RS-MMC• SMC• xD• MS• MS Pro• MS Pro Duo• MS Duo• MS Pro-HG (4 bit mode)
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Power port

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)
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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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Maximum vibration (measured 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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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	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 3048 m (-50 ft to 10,000 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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