

Specifications

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Dimensions

Height front — 343.00 mm (13.50 inches)

back — 318.50 mm (12.53 inches)

Width 95.00 mm (3.74 inches)

Depth 318.00 mm (12.52 inches)

Minimum Weight 5.49 kgs (12.10 lbs)

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

System Information

Model Alienware X51 R2

Processor

- Intel Core i7 - 4770
- Intel Core i5 - 4430

L2 cache 256 KB per core

L3 cache

Intel Core i7 4770 8 MB

Intel Core i5 4430 6 MB

System chipset Intel H87 Express chipset

DMI speed 5.0 GT/s

Processor data width 64 bits

Memory

Connectors two internally-accessible DDR3 DIMM sockets

Capacities 2 GB, 4 GB, and 8 GB

Memory type DDR3 SDRAM (Non-ECC)

Memory speed 1600 MHz

Memory configurations supported 4 GB, 6 GB, 8 GB, and 16 GB

Minimum 2 GB

Maximum 16 GB

Ports

Back Panel Ports

Network adapter	One RJ45 connector
USB	<ul style="list-style-type: none">▪ Two USB 2.0 ports▪ Four USB 3.0 ports
Audio	<ul style="list-style-type: none">▪ Five audio output/headphone ports▪ One audio input/microphone ports▪ One optical S/P DIF port▪ One coaxial S/P DIF port
Video	One HDMI port

Front Panel Connectors

USB	Two USB 3.0 ports
Audio	<ul style="list-style-type: none">▪ One audio output/headphone port▪ One audio input/microphone port

Communications

Network adapter	10/100/1000 Mbps integrated network adapter
Wireless	802.11 b/g/n integrated wireless local area network

Video

Video controller:

Integrated	Intel High Definition Multimedia Interface (HDMI)
Discrete	PCI Express x16, single-/dual-width video cards

Video memory:

Discrete	1-GB Graphics DDR5
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NOTE: The video memory of your desktop will vary depending on the configuration ordered.

Audio

Type	Integrated 7.1 channel, Intel High Definition Audio with S/PDIF support
Controller	Realtek ALC3861 codec

Drives

Externally accessible	One 5.25-inch drive bay for a Blu-ray Disc combo, DVD+/-RW super multi-drive (slot loaded)
Internally accessible	<ul style="list-style-type: none">• One 3.5-inch drive bay for a SATA hard drive• Two 2.5-inch drive bay for SATA hard drives (optional)

Power

Voltage	100 VAC – 240 VAC
Wattage	240 W or 330 W

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)

NOTE: Maximum vibration (using a random vibration spectrum that simulates user environment)

Operating 0.25 GRMS

Storage 2.2 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 51 cm/s (20 inches/s)

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

Altitude (maximum):

Operating –15.2 m to 3,048 m (–50 ft to 10,000 ft)

Storage –15.2 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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