

ACIENWARE® M11x COMPREHENSIVE SPECIFICATIONS



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Model: P06T Type: P06T001/P06T002 Rev. A00 February 2010

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COMPREHENSIVE SPECIFICATIONS



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Computer Model

Alienware M11x

Dimensions

Height (Front and Back) 32.7 mm (1.29 inches)

Width 285.7 mm (11.25 inches)

Depth 233.3 mm (9.19 inches)

Weight with 8-cell battery
(starting at) 1.99 kg (4.39 lb)

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

Processor and System Chipset

Processor	Intel Pentium™ Dual Core Intel® Core™2 Duo
L2 cache	
Intel Pentium Dual Core	2 MB
Intel Core2 Duo	3 MB
Bus clock	200 MHz
System chipset	Intel GS45
SDRAM bus width	one or two 64-bit channels of DDR3 memory up to 800 MHz
Processor address bus width	32 bits
Processor data width	64 bits
BIOS EPROM	16 Mbit
Graphics bus	PCIe x16 bus
PCI bus	32 bits

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Memory

Connectors	two internally-accessible DDR3 SODIMM sockets
Capacities	1 GB, 2 GB, and 4 GB
Memory type	800 MHz (dual-channel configurations)
Memory configurations possible	2 GB, 4 GB, and 8 GB

IEEE 1394 A

IEEE 1394A controller	JMicron JMB380
IEEE 1394 interface	compliant with standard IEE1394a-2000 specification

Ports and Connectors

Network adapter	one RJ45 connector
USB	three 4-pin USB 2.0-compliant connectors, including one USB PowerShare connector
VGA	one 15-hole connector
HDMI	one 19-pin connector

Ports and Connectors

DisplayPort	one 20-pin connector
Audio	two audio output/headphone connectors and one audio input/microphone connector
3-in-1 Media Card Reader	one combo connector
SIM card	one SIM card slot
IEEE 1394	one 4-pin serial connector

Communications

Network adapter	10/100 Mbps Ethernet LAN on system board
Wireless	<ul style="list-style-type: none">• WLAN Mini-Card (half Mini-Card slot)• WWAN Mini-Card (full Mini-Card slot) (optional)• integrated Bluetooth® module (optional)

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Video

Video controller integrated on the system board	Intel GS45
Discrete video controller	Nvidia NV11P-GS1
Video memory	
Intel GS45	dynamic based on system memory capacity
Nvidia NV11P-GS1	1 GB
External display support	VGA, HDMI, and DisplayPort

Audio

Controller	Realtek ALC665
Speaker	single 8-ohms speakers in both the left and right speaker assembly
Internal speaker amplifier	up to 1 W per channel; up to 2 W total power
Internal microphone support	single digital microphone in camera assembly
Volume controls	program menus and media keyboard function keys

Hard-Drive Storage

Interface	SATA
Number of hard drives	one
Hard drive	2.5 inch SATA hard drive
Type	standard portable and solid-state hard-drives

Cards Supported

Media cards	<ul style="list-style-type: none"> ▪ Secure Digital (SD) memory card ▪ MultiMedia Card (MMC) ▪ Memory Stick PRO
Video cards	<ul style="list-style-type: none"> ▪ Intel Graphics Media Accelerator 4500MHD (Integrated on system board) ▪ Nvidia GeForce GT 335M (Discrete)

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Display

Type (WLED)	11.6 inch HD+ TrueLife
Maximum resolution	1366 x 768
Dimensions	
Height	144 mm (5.67 inches)
Width	256.12 mm (10.08 inches)
Diagonal	293.83 mm (11.57 inches)
Refresh rate	60 Hz
Operating angle	0° (closed) to 140°
Pixel pitch	0.2550 mm
Controls	brightness can be controlled through keyboard shortcuts

Keyboard (Backlit)

Number of keys	82 (Korea, U.S, and Canada); 83 (Europe); 86 (Japan)
Backlight color	RGB; colors can be changed by invoking the AlienFX® application in the Alienware Command Center. For information, see your <i>Mobile Manual</i> .

Touch Pad

X/Y position resolution (graphics table mode)	240 cpi
Size	
Width	71.7 mm (2.82 inches) sensor-active area
Height	34.0 mm (1.33 inches) rectangle

Camera

Pixel	1.3 megapixel
Video resolution	640 x 480 at 30 fps
Diagonal viewing angle	63.13° +/- 5%

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Battery

8-cell "smart" lithium ion (63 Whr)

Height 11.2 mm (0.44 inches)

Width 173 mm (6.81 inches)

Depth 109.4 mm (4.31 inches)

Weight 0.43 kg (0.94 lb)

Voltage 14.8 V

Operating time battery operating time varies depending on operating conditions and can be significantly reduced under certain power-intensive conditions.

Life span (approximate) 300 discharge/charge cycles

Temperature range

Operating 0° to 50°C (32° to 122°F)

Storage -20° to 60°C (-4° to 140°F)

Coin-cell battery CR-2032

AC Adapter

Type	65 W
Input voltage	100-240 VAC
Input current (maximum)	1.7 A
Input frequency	50-60 Hz
Output current	3.34 A (continuous)
Output power	65 W
Rated output voltage	19.5 VDC
Temperature range	
Operating	0° to 40°C (32° to 104°F)
Storage	-40° to 70°C (-40° to 158°F)
Connector types	
DC connector	3-pin, 7.4 mm plug
AC connector	3-pin – C5

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Computer Environment

Temperature range

Operating 0° to 35°C (32° to 95°F)

Storage -40° to 65°C (-40° 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 1.3 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

Computer Environment

Altitude (maximum)

Operating

-15.2 to 3048 m (-50 to 10,000 ft)

Storage

-15.2 to 10,668 m (-50 to 35,000 ft)

Airborne contaminant level

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