# A∠IENWARE® M11x COMPREHENSIVE SPECIFICATIONS



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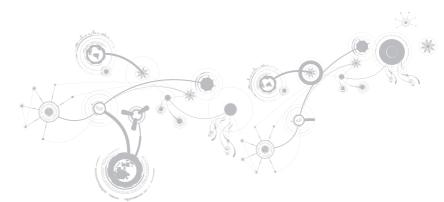
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Model: P06T Type: P06T001/P06T002 Rev. A00 February 2010

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# COMPREHENSIVE SPECIFICATIONS



# Computer Model

Alienware M11x

# **Dimensions**

Diffictions	
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)
	<b>NOTE</b> : 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 PCle x16 bus

PCI bus 32 bits

Memory	,
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Connectors	two internally-accessible DDR3 SODIMM sockets
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Capacities 1 GB, 2 GB, and 4 GB

Memory type 800 MHz (dual-channel configurations)

Memory configurations 2 GB, 4 GB, and 8 GB

possible

#### **IEEE 1394 A**

IEEE 1394 interface compliant with standard IEE1394a-2000 specification

one R I45 connector

# **Ports and Connectors**

Network adapter

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USB	three 4-pin USB 2.0-compliant connectors, including
	1100 0

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	
Communications Network adapter	10/100 Mbps Ethernet LAN on system board

#### Video

Video controller integrated on Intel GS45

the system board

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
Туре	standard portable and solid-state hard-drives
Cards Supported	
Media cards	Secure Digital (SD) memory card
	<ul><li>MultiMedia Card (MMC)</li><li>Memory Stick PRO</li></ul>
Video cards	<ul> <li>Intel Graphics Media Accelerator 4500MHD (Integrated on system board)</li> <li>Nvidia GeForce GT 335M (Discrete)</li> </ul>

# 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

63.13° +/- 5%

Diagonal viewing angle

#### **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  $-20^{\circ}$  to  $60^{\circ}$ C ( $-4^{\circ}$  to  $140^{\circ}$ 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  $-40^{\circ}$  to  $70^{\circ}$ C ( $-40^{\circ}$  to  $158^{\circ}$ F)

Connector types

DC connector 3-pin, 7.4 mm plug

AC connector 3-pin – C5

# **Computer Environment**

Temperature range

Operating O° 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 pluse 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