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## Processor & Cache

- | Intel® Core™2 Duo Mobile Processor T9600 with 6MB On-Die L2 Cache. FSB=1066Mz
- | Intel® Core™2 Duo Mobile Processor P8800/P8700/P7550/P7450/P7350 with 3MB On-Die L2 Cache. FSB=1066Mz
- | Intel® Core™2 Duo Mobile Processor T6600/T6500/T6400 with 2MB On-Die L2 Cache. FSB=800Mz
- | Intel® Core™2 Duo Mobile Processor T5900 with 2MB On-Die L2 Cache. FSB=800Mz

\* Intel's numbering is not a measurement of higher performance.

NOTE: Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

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## Operating System

- Preinstalled Genuine Windows® Vista™ (with Free Upgrade to Windows®7)
- Genuine Home Basic
  - Genuine Home Premium
  - Genuine Business
  - Genuine Ultimate
- \*Genuine Windows® 7
- Home Premium
  - Professional
  - Ultimate

\* NOTE: Microsoft Windows 7 will be formally available after Oct. 22, 2009.

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## Chipset

Intel® PM 45, 1066MHz FSB + ICH9M

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## BIOS

- n AMI BIOS code
  - n 8Mb Flash EPROM
  - n PMU, Plug & Play
  - n Boot from USB, LAN, Ai-Flash 3, Ai-Flash 4, Ai-Flash
  - n LoJack Support
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## Main Memory

- Standard** 1024-MB or 2048-MB 800-MHz **DDR2** SDRAM; 2 x SODIMM slots supporting dual channel memory
- Maximum** Upgradeable to **4096-MB** maximum\* (2048-MB SODIMM in slots 1 and 2), BTO option
- Dual-Channel** Dual Channel **DDR2 800** DRAM support

NOTE: Vista 32bit standard of memory modules at least 512-MB (and above). If you mix memory speeds, the system will perform at the low memory speed.

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## Display

- Internal** 16.0-inch HD (1366 x 768 resolution and 16 M colors)  
LED backlight
- External** Up to 32-bit per pixel color depth  
VGA port supports resolutions up to 1600x 1200 at 75 Hz, and lower resolutions at up to 85 Hz

NOTE: Resolutions are dependent upon monitor capability, and resolution and color depth settings.

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## Graphics & Video Module

- nNvidia GeForce GT 220M with Ext 1G DDR2 VRAM
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## Multi-Card Reader

8 in 1, Supports SD (Secure Digital), MMC (MultiMedia Card), Memory Stick, Memory Stick Pro, Memory Stick Duo\*, Smart Media, xD-Picture card

\*NOTE: Memory Stick Duo Adapters are required and sold separately. Inserting a Memory Stick Duo

Card directly into your notebook could damage the memory card and/or notebook.

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## Hard Disk Drive

500-GB 5400/7200\* rpm SMART SATA

320-GB 5400/7200\* rpm SMART SATA

250-GB 5400/7200\* rpm SMART SATA

NOTE: These hard drives are customer removable and will withstand multiple insertion/removal cycles.

Up to 8 GB is reserved for the system recovery software.

\*7200rpm HDD are optional to different configuration

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## Expansion Card Slots

Express Card slot

Express Card 34

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## Camera

1.3M fixed Camera

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## Keyboard

n ASUS 348mm Chocolate Keyboard with Number key

n Desktop-Like Ergonomic Full-Size 102/103/107, 2.3mm Travel with Win Function Key

n Add Vista K/B Start Button

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## Optical Storage Device

5.25" 12.7mm SATA interface

DVD-Super Multi DL

Blu-Ray Combo support(option)

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## Network Connectivity

Integrated Intel® Wireless WiFi Link 5100 a/g/n, Intel® Wireless WiFi Link 1000 b/g/n, Intel® WiMAX/WiFi 5150 (BTO Optional), integrate IEEE 802.11 b/g/n

Bluetooth module v2.1+EDR

On board 10/100/1000 Mbps Fast Ethernet controller

Support Wake-On-LAN on S4 AC-In Mode only

HW switch for wireless connectivity

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## Interface

1 x VGA port

3 x USB 2.0 ports

2 X Audio jack: Audio out/SPDIF/Mic-in

1x Lan RJ45

1 x Express Card 34

1x HDMI

1 x E-SATA

1 x RF in (optional with built-in TV tuner configuration)

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**LED Status Indicator**

Power On/Suspend, Battery-Full/Charging/Low, Bluetooth,Wireless Accessing/Activity  
Storage Device Access, Caps Lock

**Audio**

Built-in Azalia compliant audio chip

Built-in Stereo Speakers and microphone

Support Audio Jack Detector for Vista Basic Logo

Support Audio CODEC criteria for Vista Premium Logo

SRS Premium Sound

Altec Lansing Speaker

**Power Management**

Full feature SMI power management, Stand-by, Suspend to Disk, and Suspend to RAM

ACPI 1.0 and 2.0 (partially) supported (TBD)

MDP 2003 compatible

**Battery**

Li-Ion 48/52WHrs, (6 cells: 4400/5600 mAh, 3S2P) (TBD)

**Battery Life**

Built-in gauge IC

Charging time: 2 hrs Quick charge 90% (Power off) / 4hrs (Power on)/3S2P

2.5 hrs Quick charge 90% (Power off) / 4.5hrs (Power on)/3S3P

Battery low-low enters Save-To-Disk mode. (This setting can be changed by the customers themselves)

**NOTE:** Battery life will vary depending on the product configuration, product model, applications loaded on the product, power management settings of the product, and the product features used by the customer.

As with all batteries, the maximum capacity of this battery will decrease with time and usage.

**Power Supply**

External 90-watt AC adapter

Output: 19V DC

Input: 100~240V AC, 50/60Hz universal

2/3 pin power supply system

**Hot Keys**

Power button

WLAN/Bluetooth On/Off Switch

Instant Launch Keys x 1 : ExpressGate & Power4Gear

**Function Keys**

Fn+F1	Suspend Switch	Fn+F2	Wireless/Bluetooth switch	Fn+F5	Brightness down
Fn+F6	Brightness up	Fn+F7	LCD on/off	Fn+F8	LCD/External Display switch display
Fn+F9	Touch Pad lock	Fn+F10	Volume on/mute	Fn+F11	Volume down
Fn+F12	Volume up	Fn+C	Splendid	Fn+Space	Power 4 Gear+

Fn+V	Camera	Fn+ ↑	Stop	Fn+ ↓	Play/Pause
Fn+ ←	Previous section / Previous Track	Fn+ →	Next section / Next Track		

### Pointing Device

Built-in Wide 16:9 Touchpad

2 click buttons

3 fingers Multi-touch function support

Support Pad-Lock Function (Fn+F9 on/off)

### Heat Dissipation

ADTD (Developed by Asus) to handle 35W CPU thermal envelope

High-exchange efficiency copper molding heatsink with heat-pipes

Temperature-Controlled cooling fan

**Dimensions (WxDxH)** 384x265 x 29.7~37.3

**Weight** 2.9 Kg with 6-cell battery

**NOTE:** Height varies depending upon where on the notebook the measurement is made. Weight varies by configuration and components.

### Security

BIOS Booting User Password Protection

HDD User Password Protection and Security Lock

Kensington Lock hole provided

### Software Utility

Asus Built or modified for Vista/Window 7

- Asus Winflash for BIOS and Live Update
- Power4Gear Hybrid
- Wireless Console 3
- Asus Screen Saver
- Adobe Acrobat Reader 9
- Color Enhancement (Splendid)
- ASUS MultiFrame
- ASUS LifeFrame
- ASUS Smart Logon
- ASUS Virtual Camera
- ASUS CopyProtect
- ADSM v2
- Norton Internet Security 2009
- ExpressGate2
- Fancy Start
- eManual

- SRS Premium Sound
- NBProde (Only suport install-all , do not support pre-install)
- Net4Switch (Only suport install-all , do not support pre-install)

Asus Video Magic

Shipment bundle S/W:

- n ASUSDVD 6-in-1
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## Industry Standard Certifications

UL

CE Marking Compliance

FCC Compliance

BSMI

Australia C-TICK / NZ A-Tick Compliance

Japan VCCI Compliance

IDA

CCC

GOST-R

CB

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## Regulation

EMI: CE, USA(FCC-B), TWN(BSMI/DGT), CCIB

Safety: CE, CB, CCC, UL, CCIB

Modem: Universal PPT including US (FCC-68), TWN (DGT), PRC (入網證), JPN (JATE), EURO (CTR21)

Wireless RF Certification: CHN, FCC, European, Telec

Anatel (For Brazil)

Imtero (For Brazil)

台灣環保標章

大陸節能標章

Energy Star

EPEAT

EU Flower

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## Windows Certification

n Compatibility: Window Vista, WinKey DTM

n Language: US Int'l, JAP, TWN

n Supported OS: Windows Vista 32/64 bit

n Driver WHQL support , Vista (64-bit one Disc)

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## Keyboard Language

n US(TWN), JP, UK, KOR before M/P

n France, GR CR, DN, CZ, IT, BL, NW, PO, SF, SP, SW, SC, FR, JP, RU ,UK Spain, TUR, AR when M/P

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## Casing

Plastic A/B/C/D parts (slim, lightweight and durability)

A/C parts are made with ASUS Infusion (IMF) technology & fingerproof painting

Copper Brown/White ID

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