

M50Sv Series Notebook PC

Mobile HD Multimedia Enjoyment!



www.asus.com

2-Spindle

Items marked yellow are optional!

Multimedia enjoyment
Nvidia GeForce 9500M GS
HD-DVD/Blue-Ray & Dolby

Specifications

Processor & Cache	■ Intel Merom T2310, T2330 Processor with 1MB On-Die L2 Cache. FSB=533 MHz;	TV Tuner	(Support Antenna 2x3 and 2x2)
	■ Intel Merom T5250, T5450, T5550 Processor with 2MB On-Die L2 Cache. FSB=667 MHz;		■ Integrated MDC Fax/ Modem (Asus)
BIOS	■ Intel Merom T7100 Processor with 2MB On-Die L2 Cache. FSB=800 MHz; Up to T7300~T7700 Processor with 4MB On-Die L2 Cache	LED Status Indicator	■ Azalia Compliant and V.92 / K56flex support
	■ Intel Merom T8100, T8300 Processor with 3MB On-Die L2 Cache. FSB=800 MHz		■ On board 10/100/1000 Mbps Fast Ethernet Controller Full and Half duplex mode support for 10/100/1000 Mbps
Chipset	■ Intel Merom T9300, T9500 Processor with 6MB On-Die L2 Cache. FSB=800 MHz	Keyboard	■ MODEM supported V.90 and universal PPT (CTR 21, JATE, FCC, A-tick, DGT)
			■ Bluetooth module v2.0
Main Memory	■ 2 x SODIMM Sockets for Expansion Up to 4 GB (BTO Option)	Interface	■ USB Interface
	■ 0M On Board Memory		■ Hybrid TV Tuner
Display	■ Dual Channel DDR2 667 DRAM support	Video Camera	■ Front:
			■ Power on/Suspend
Graphics & Video Module	■ Nvidia NB9P-GE1(GeForce 9500M GS) with DDR2 512M VRAM	Audio	■ Battery Full /Charging/Low
	■ MXM Connector		■ Wireless enabling
CRT Display Modes	■ DX10 Support	Hot Keys	Rear: (left to right)
	■ H.264/VC-1 Hardware decoding		■ POWER
PC Cards Slot	■ HDCP support		■ Cap. Lock
			■ Num Lock
Robson (Option)	■ New Card Supported		■ Storage Access
	■ One built-in Eight in one card reader support		■ Email
Hard Disk Drive	■ SD (Secure Digital), MMC (MultiMedia Card), Memory Stick, Memory Stick Pro, Memory Stick Duo*, MS-Pro-Duo, Mini-SD, xD-Picture card		■ Touchpad lock
	■ Support Intel Robson Technology (Option)		■ 340mm keyboard with Ten-keys and MS Windows
Optical Storage Device	■ Mini-Card interface (1G)		■ 19 mm full size, with MS-Windows Vista function keys
			■ 2.5mm travel
Connectivity	■ 12.5mm SATA HDD		■ 1x VGA port/Mini D-sub 15-pin for external monitor
	■ SATA 160G/200/250/300G; Support 4200 RPM		■ 4x USB 2.0 ports
	■ Support Hybrid Disc		■ (One External SATA & USB 2 in 1)
	■ Reserve 9.5mm SATA HDD		■ 3 Audio jack: Audio out/SPDIF/Mic-in
			■ One LAN RJ-45 and One Phone RJ-11 Jack
			■ 1x 1394 B Type jack
			■ 1x HDMI(Optional)
			■ 1 x CIR for remote control
			■ 1 x TV-Antenna (Optional)
			■ 1 x AV-in(Optional)
			■ 1x Light sensor
			■ Wireless/BT Switch
			■ One Kensington Lock
			■ Rotational 1.3M Pixels Video Camera
			■ Dual Mode Touchpad
			■ Built-in Azalia compliant audio chip, with 3D effect & full duplex
			■ Built-in Stereo Speakers(1.5W) and microphone S/W Volume up/down
			■ DSP supported
			■ Support Audio Jack Detector for Vista Basic Logo
			■ Support Audio CODEC criteria for Vista Premium Logo
			■ Build-in 2 speakers and mono/array microphone
			■ Instant launch Keys
			◆ 5 buttons
			◆ Power on/off
			◆ T/P-Lock on/off
			◆ Power4 Gear Hotkey
			◆ Instant Fun PLUS
			◆ Splendid
			■ Function Keys
			◆ Fn+F1 Suspend switch

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	◆ Fn+F2 Wireless/ Bluetooth switch ◆ Fn+F3 Email in ◆ Fn+F4 Internet ◆ Fn+F5 Brightness down ◆ Fn+F6 Brightness up ◆ Fn+F7 LCD only ◆ Fn+F8 LCD/CRT/HDMI display switch ◆ Fn+F9 Touchpad Lock ◆ Fn+F10 Mute ◆ Fn+F11 Volume down ◆ Fn+F12 Volume up ◆ Fn+Num Scroll Lock on/off ◆ Fn+Space Power 4 Gear (printed) ◆ Fn+C Splendid (printed) ◆ Fn + V Life Frame (not printed) ◆ Fn + B KB Lighting ◆ Fn+T Power4Phone (printed) ◆ Fn+↑ Stop ◆ Fn+↓ Play/Pause ◆ Fn+ ← Previous section / Previous Track ◆ Fn+ → Next section / Next Track	
Power Management	■ Full feature ACPI 2.0 power management, Stand-by, Suspend to Disk, and Suspend to RAM ■ MDP 2003 compatible	
Battery Pack & Life	■ Main: Li-Ion 6 cells: 5200mAh, 3S2P, 57.72 WHrs pack ■ 9 cell Battery Support (Option), 7800mAh ■ Built-in gauge IC ■ Charging time, 2 hrs Quick charge 90% (Power off) / 4hrs (Power on) ■ Battery low-low enters Save-To-Disk mode	
AC adapter	■ Output : 19V DC, 4.74A, 90W ■ Input : 100~240V AC, 50/60Hz universal ■ 3/ 2 pin compact power supply system	
Pointing Device	■ Built-in Touchpad ■ Two click buttons with scroll area	
Heat Dissipation	■ 35W thermal envelop ■ High-exchange efficiency copper molding heat sink with heat-pipes ■ Temperature-controlled multi rotating speed cooling fan to prevent noise with “Flux Tunnel Routing” ■ Support CPU @ 65% TDP operation	
Dimensions/ Weight	■ 375 x 269 x 32.24~44.01 mm ■ 3.02kg with 6 cell battery	
Security	■ BIOS setup, Power-on, HDD User Password Protection ■ I/O lock (BIOS setup) ■ Kensington Lock hole provided ■ Trusted Platform Module solution 1.2 (Both Infineon & Sinosun) (Option) ■ Fingerprint recognition	
Casing	■ Plastic A/B/C/D parts (slim, lightweight and durability)	

Additional Spec

S/W Utility Asus Built or modified for Win Vista

- ASUS WinFlash
- Instant Fun
- ASUS Live Update
- ASUS Power4 Great eXtreme
- ASUS NB Probe
- ASUS Net4 Switch
- ASUS Wireless Console
- ASUS LifeFrame3
- Virtual Camera
- ASUS MultiFrame
- Splendid
- ASUS Power For Phone

- ASUS 3G Networking
 - ASUS Face Logon System
 - ASUS CopyProtect
 - ASUS Data Security Manage
 - ASUS ChkMail.
 - ▲ ASUS Security Protect Manager
 - TPM Utility
- Shipment bundle S/W:
- Norton Internet Security 2007
 - Adobe Acrobat Reader 7.0
 - NERO 7 Essentials

Regulation

- EMI: USA(FCC-B), JAP(VCCI-B), TWN, CCC,C-tick, CCIB, IDA
- Safety: CE, CB, TÜV, cUL, CCC, ~~CCIB~~
- Modem: Universal PPT including US (FCC-B), TWN(DGT), PRC (FCC68), JPN(JATE), EURO(CTR21, JATE, FCC, A-tick, DGT,
- Wireless RF Certification: TWN, CHN, FCC, European, Telec
- TWN

Windows Certification

- Compatibility: DTM (Window Vista), WinKey,
- Language: US Int'l, JAP, TWN
- Supported OS: **Windows Vista**
- **Windows Vista (Ultimate, Premium, Business)**
- Driver support , Vista (64-bit one Disc), Vista (32-bit One Disc)

Keyboard Language

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