

M50Sr Series Notebook PC

Rich in Feature, Slim in Size!

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Items marked yellow are optional!

2-Spindle, Merom
15.4" WXGA+/WSXGA+ TFT
Compact for Mobility

Specifications

Processor & Cache	<ul style="list-style-type: none">■ Intel Merom T5250, T5450, T5550 Processor with 2MB On-Die L2 Cache. FSB=667MHz;■ Intel Merom T7100 Processor with 2MB On-Die L2 Cache. FSB=800MHz; Up to T7300~T7700 Processor with 4MB On-Die L2 Cache■ Intel Merom T8100, T8300 Processor with 3MB On-Die L2 Cache. FSB=800MHz■ Intel Merom T9300, T9500 Processor with 6MB On-Die L2 Cache. FSB=800MHz	<ul style="list-style-type: none">■ Integrated MDC Fax/ Modem (Asus)■ Azalia Compliant and V.92 / K56flex support■ On board 10/100/1000 Mbps Fast Ethernet Controller Full and Half duplex mode support for 10/100/1000 Mbps■ MODEM supported V.90 and universal PPT (CTR 21, JATE, FCC, A-tick, DGT)■ Bluetooth module v2.0
BIOS	<ul style="list-style-type: none">■ AMI BIOS code■ 8MB Flash EPROM■ PMU, Plug & Play■ Boot from USB, LAN,Ai-Flash 3,Ai-Flash 4, Ai-Flash 5	TV Tuner <ul style="list-style-type: none">■ USB Interface■ Hybrid TV Tuner
Chipset	<ul style="list-style-type: none">■ Intel® PM965 Series (Crestline PM) 667/800MHz FSB■ ICH8M	LED Status Indicator <p>Front:</p> <ul style="list-style-type: none">■ Power on/Suspend■ Battery Full /Charging/Low■ Wireless enabling <p>Rear: (left to right)</p> <ul style="list-style-type: none">■ POWER■ Cap. Lock■ Num Lock■ Storage Access■ Email■ Touchpad lock
Main Memory	<ul style="list-style-type: none">■ 2 x SODIMM Sockets for Expansion Up to 4 GB (BTO Option)■ 0M On Board Memory■ Dual Channel DDR2 667 DRAM support	Keyboard <ul style="list-style-type: none">■ 340mm keyboard with Ten-keys and MS Windows■ 19 mm full size, with MS-Windows Vista function keys■ 2.5mm travel
Display	<ul style="list-style-type: none">■ 15.4" active matrix color TFT■ 15.4" WXGA/WXGA+/WSXGA+■ Dual Channel LVDS I/F	Interface <ul style="list-style-type: none">■ 1x VGA port/Mini D-sub 15-pin for external monitor■ 4x USB 2.0 ports (One External SATA & USB 2 in 1)■ 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
Graphics & Video Module	<ul style="list-style-type: none">■ AMD ATI MR 3470 256MB DDR2 x8pcs(Reserve for 64Mx16)■ MXM Connector■ DX10 Support■ H.264/VC-1 Hardware decoding■ HDCP support	Video Camera <ul style="list-style-type: none">■ Rotational 1.3M Pixels Video Camera
CRT Display Modes	<ul style="list-style-type: none">■ VGA 640 x 480, 256/32K/64K/16.7M colors■ SVGA 800 x 600 256/32K/64K/16.7M colors■ XGA 1024 x 768 256/32K/64K/16.7M colors■ SXGA 1280 x 1024 256/32K/64K/16.7M colors■ UXGA 1600x1200 256/32K/64K/16.7M colors	TouchPad <ul style="list-style-type: none">■ Dual Mode Touchpad
PC Cards Slot	<ul style="list-style-type: none">■ New Card Supported■ One built-in Eight in one card reader support■ 8 in 1, Supports SD (Secure Digital), MMC (MultiMedia Card), Memory Stick, Memory Stick Pro, Memory Stick Duo*, MS-Pro-Duo, Mini-SD, xD-Picture card	Audio <ul style="list-style-type: none">■ 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
Robson (Option)	<ul style="list-style-type: none">■ Support Intel Robson Technology (Option)■ Mini-Card interface (1G)	Hot Keys <ul style="list-style-type: none">■ Instant launch Keys<ul style="list-style-type: none">◆ 5 buttons◆ Power on/off◆ T/P-Lock on/off◆ Power4 Gear Hotkey◆ Instant Fun PLUS◆ Splendid■ Function Keys<ul style="list-style-type: none">◆ Fn+F1 Suspend switch◆ Fn+F2 Wireless/ Bluetooth switch◆ Fn+F3 Email in
Hard Disk Drive	<ul style="list-style-type: none">■ 12.5mm SATA HDD■ SATA 160G/200/250/300G; Support 4200 RPM■ Support Hybrid Disc■ Reserve 9.5mm SATA HDD	
Optical Storage Device	<ul style="list-style-type: none">■ Super Multi■ Super Multi Light Scribe■ HD DVD■ Blue-Ray (TBD)■ Fixed Type	
Connectivity	<ul style="list-style-type: none">■ Intel Kedron 802.11a/b/g/n supported (Mini Card) (Support Antenna 2x3 and 2x2)■ 802.11a/b/g (BTO option) (a/b/g EU/RW/JP/NA, b/g CH1~11/CH1~14), Antenna supports 802.11a/b/g,	

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	<ul style="list-style-type: none"> ◆ 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	<ul style="list-style-type: none"> ■ Full feature ACPI 2.0 power management, Stand-by, Suspend to Disk, and Suspend to RAM ■ MDP 2003 compatible 	
Battery Pack & Life	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ Output : 19V DC, 4.74A, 90W ■ Input : 100~240V AC, 50/60Hz universal ■ 3/ 2 pin compact power supply system 	
Pointing Device	<ul style="list-style-type: none"> ■ Built-in Touchpad ■ Two click buttons with scroll area 	
Heat Dissipation	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 375x 265 x 34.3~40.6 mm ■ 2.8kg with 6 cell battery 	
Security	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ Plastic A/B/C/D parts (slim, lightweight and durability) 	

- 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, cUL, CCC
- 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

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