

M60Vp Series Notebook PC



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Rev 1.5 2009/02/25

2-Spindle, Mobile Extreme 16"/15.6"16:9 panel Compact for Mobility

Specifications

Processor & Cache	n Intel Penryn Processor with 6M/3M On-Die L2 cache, FSB=1066MHz	n Reserve 9.5mm SATA HDD
	n Intel Meroem Processor with 6M/3M On-Die L2 cache, FSB=800MHz	n Support dual HDD (9.5 mm height * 2) or 12.5mm+9.5mm
	n Intel Quad Core Processor design reserved only(Share G50 MB design)	n Support RAID 0/1(TBD)
BIOS	n AMI BIOS code	Optical Storage Device
	n 8MB Flash EPROM	
	n PMU, Plug & Play	n Super Multi
	n Boot from USB, LAN,Ai-Flash 3,Ai-Flash 4, Ai-Flash 5	n Super Multi Light Scribe
	n support LoJack	n Blu-Ray
Chipset	n Intel® PM45 + ICH9M	Connectivity
Main Memory	n 2 x SODIMM Sockets for Expansion Up to 4 GB (BTO Option)	
	n 0 M On Board Memory	n Intel Shi Shirley peak WiFi a/g/n supported (Cliffside support)
	n Dual Channel DDR2 667/800 DRAM support	n Intel WiMAX (Mini Card) antenna cable layout reserve (Support Antenna 1x2 only)
Display	n 15.4" active matrix color TFT LCD	n 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,
	n 15.4" WXGA+/WSXGA+/WUXGA(TBD)	n Integrated MDC Fax/ Modem (Asus)
	n 15.6" LED FHD/HD	n Azalia Compliant and V.92 / K56flex support
	n 16." FHD/HD (first priority)	n On board 10/100/1000 Mbps Fast Ethernet Controller Full and Half duplex mode support for 10/100/1000 Mbps
	n Dual Channel LVDS I/F	n MODEM supported V.90 and universal PPT (CTR 21, JATE, FCC, A tick, DGT, 中國入網許可) (Optional)
	n 16.0" active matrix color TFT LCD (TBD)	n Bluetooth module v2.1(BT-253)
ASUS Direct Messenger	n 2 nd display by OLED module, support resolution 256X64 32,(Display area size TBD) single color 3.2-3.1"	TV Tuner
	n Support by ASUS Direct Console 2.0 S/W Apps.	
Graphics & Video Module	n ATI M96 with DDR3 1024MB	
	n NV N10M GS1 with DDR3 512MB	n USB and PCI-E Interface, mini card form factor, support half mini card
	n MXM Connector	n Hybrid TV Tuner (DVB-T and Analog)
	n DX10.1 Support	n Hybrid TV Tuner (ATSC and Analog)
	n H.264/VC-1 Hardware decoding	n Pure DVB-T TV tuner
	n HDCP support	Front: (left to right)
CRT Display Modes	n VGA 640 x 480, 256/32K/64K/16.7M colors	n Power on/Suspend
	n SVGA 800 x 600 256/32K/64K/16.7M colors	n Battery Full /Charging/Low
	n XGA 1024 x 768 256/32K/64K/16.7M colors	n BlueTooth LED
	n HD 1366 x 768 256/32K/64K/16.7M colors	n WLAN enabling
	n Full HD 1920x1080 256/32K/64K/16.7M colors	Rear: (right to left)
PC Cards Slot	n New Card Supported	n Cap. Lock
	n One built-in Eight in one card reader support	n Num Lock
	n MMC/ SD/ Mini-SD/ XD/ Memory Stick/ MS Pro/ MS-Duo/ MS-Pro-Duo ,support push/push	n Storage Access LED
Turbo Memory (Optional)	n Support Intel Turbo Memory 2.0 Technology (Option), Mini-Card interface (2G).	Keyboard
	n Share same Mini-card slot with TV tuner (factory option for 1 of Turbo Memory and TV tuner)	
Hard Disk Drive	n 12.5mm/9.5mm SATA HDD	
	n SATA 160G/250/320G/500G; Support 5400/7200 RPM	Interface
	n SATA 200G, support 7200R PM	
	n Support Hybrid Disc (TBD)	n 1x VGA port/Mini D-sub 15-pin for external monitor
		n 4x USB 2.0 ports
		n 1x External SATA
		(One External SATA & USB 2 in 1, one with USB-Charger function under S5-AC mode)
		n 3 Audio jack: Audio out/ Mic-in/ Line-in (Ready for WWAN)
		n One LAN RJ-45 and One Phone RJ-11 Jack
		n 1x 1394 Type jack

Video Camera	n 1x TV out (S-video/composite/component) n 1x HDMI n 1 x CIR for remote control n 1x SIM card slot reserve n 1 x TV-Antenna(Optional) n 1 x AV-in n 1x Light sensor n Wireless/BT/ 3G Switch n One Kensington Lock n Fixed type camera design n 1.3M Pixels Video Camera with LED (option) n 2.0M with LED lighting (option) (TBD) n LED Lighting	AC adapter	n Output : 19V DC, 4.74A , 90W 6.32A, 90W/120W n Input : 100~240V AC, 50/60Hz universal n 3/ 2 pin compact power supply system
		Pointing Device	n Built-in Touchpad n Two click buttons with scroll area
TouchPad	n Normal Mode Touchpad (Shinning around optional) 發光模組 + 透明touchpad + 黑色Mylar (作法與 G50相同) 發光Touchpad行為定義: Touchpad enable ☐ 發亮 Touchpad disable ☐ 不發亮 S3/S4 touchpad沒功能，就不發亮 n Normal Mode Touchpad (不發光)	Heat Dissipation	n 45W thermal envelop n High-exchange efficiency copper molding heat sink with heat-pipes n Temperature-controlled multi rotating speed cooling fan to prevent noise with “Flux Tunnel Routing”
		Dimensions/Weight	n 375x 265 x 34.3~40.6 mm (TBD) n 2.8kg with 6 cell battery
Audio	n Built-in Azalia compliant audio chip, with 3D effect & full duplex n Built-in Stereo Speakers(2W) and microphone S/W Volume up/down n Support Audio Jack Detector for Vista Basic Logo n Support Audio CODEC criteria for Vista Premium Logo n Build-in 2 speakers and mono/ with array (TBD) microphone supported n Support Dolby Home Theater(Dolby 2)	Security	n BIOS setup, Power-on, HDD User Password Protection n I/O lock (BIOS setup) n Kensington Lock hole provided n Trusted Platform Module solution 1.2 (Both Infineon & Sinosun) (Option) n Fingerprint recognition(optoanl)
		Casing	n Plastic A/B/C/D parts (slim, lightweight and durability)
Hot Keys	n Instant launch Keys u Power on/off n T/P Lock on/off n Power4 Gear eXtreme Hotkey n Instant Fun PLUS n Splendid u Express gate + Power 4 Gear	Additional Spec S/W Utility	Asus Built or modified for Win Vista n Asus Win flash for BIOS and Driver live Update n ASUS DVD 3 in 1 for Vista (w/ DVD model) / Intervideo Win-DVD (w/ HD or BD model) w/ latest qualified version n ASUS Screen Saver n ASUS Live Update n ASUS Multi-Frame 3 (preinstall, install all & driver CD有) n ASUS Wireless Console n Wireless Console 2 n ASUS NB Probe (不preinstall,要install all 且放入driver CD). n Net 4 switch (不preinstall, install all & driver CD有) n Power 4 Phone (TBD) (不preinstall P4P, 也不放在driver CD中) n Color Enhancement (Splendid) n Virtual Camera n Instant Fun Plus n ASUS Direct Console 2.0 S/W Apps n ASUS LifeFrame3 n ASUS Face Smart Logon System n ASUS 3G Watcher n ASUS Power4 Great eXtreme n Power4Gear Hybrid n ASUS Copy Protect n ASUS Data Security Manage n ASUS ChkMail n ASUS Security Protect Manager n TPM Utility n Virtual Drive n Express Gate v2.0 n Fancy Star n E-manual
Power Management	n Full feature ACPI 2.0 power management, Stand-by, Suspend to Disk, and Suspend to RAM n MDP 2003 compatible		Shipment bundle S/W: n Norton Internet Security 2008 n Adobe Acrobat Reader 7.0 8.0 n Nero 8 Essentials
Battery Pack & Life	n Main: Li-Ion 6 cells: 4800 mAh, 3S2P, 57.72 WHrs pack n 9 cell Battery Support (Option), 7200mAh n 12 cell TBD n Built-in gauge IC n Charging time, 2 hrs Quick charge 90% (Power off) / 4hrs (Power on) n Battery low-low enters Save-To-Disk mode		

Regulation	n	EMI: USA(FCC-B), JAP(VCCI-B), TWN(檢磁), CCC,C-tick, CCIB, IDA, CE
	†	Safety: CE, CB, TUV, eUL , CCC, CCIB
	n	Modem: Universal PPT including US (FCC-B), TWN(DGT), PRC (FCC68), JPN(JATE), EURO(CTR21, JATE, FCC, A-tick, DGT, 中國入網許可
	n	Wireless RF Certification: TWN, CHN, FCC, European, Telec
	n	TWN環保標章
Windows Certification	n	Energy Star 4.0
	n	大陸節能標章
	n	WEEE/ROHS, SJ/T 11364
	n	Compatibility: DTM (Window Vista), WinKey,
	n	Language: US Int'l, JAP, TWN
Keyboard Language	n	Supported OS: Windows Vista
	n	Windows Vista (Ultimate, Premium, Business, Basic)
	n	32/64 bit SP1("Main OS : 32bit / 64bit")
	n	US, JP, TWN 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