

Specifications

Operating System	OPERATING SYSTEM Genuine Windows Vista® Business (English Version) with Traditional Chinese Language Pack	
Architecture	PROCESSOR TECHNOLOGY Intel® Centrino® Processor Technology CHIPSET Mobile Intel® PM965 Express Chipset PROCESSOR SYSTEM BUS 800MHz	PROCESSOR NAME Intel® Core™2 Duo Processor T8100(2.10 GHz)*1*2 CACHE MEMORY 3MB MEMORY BUS 667MHz
Main Memory	SO-DIMM SLOTS 2 SO-DIMM slots (The pre-installed memory module uses two)	PRE-INSTALLED/MAX 2GB DDR2 SDRAM*3*4/-
Hard Disk Drive	HARD DISK DRIVE 200GB*5 (Serial ATA, 5400rpm)	
Optical Disc Drive	MAXIMUM READING SPEED DVD+R: 8x (SL), 6x (DL)/ DVD-R: 8x (SL), 6x (DL)/ DVD+RW: 6x/DVD-RW: 6x/ DVD-ROM: 8x/DVD-RAM: 5x/ CD-ROM: 24x/CD-R: 24x/CD-RW: 24x MAXIMUM WRITING SPEED DVD+R: 8x (SL), 4x (DL)/ DVD-R: 8x (SL), 4x (DL) DVD+RW: 8x/DVD-RW: 6x/ DVD-RAM: 5x/ CD-R: 24x/CD-RW: 24x	DRIVE DVD±RW/±R DL/RAM Drive
Graphics	DEDICATED VIDEO MEMORY 128MB	GRAPHICS ACCELERATOR NVIDIA® GeForce® 8400M GT notebook graphics processing unit(GPU)
Display	TYPE 15.4" Wide (WXGA: 1280 x 800) TFT Colour display (Clear Bright High Colour LCD 90)	
Interface	I.LINK(IEEE 1394) 4pin (S400) x 1 DISPLAY OUTPUT CONNECTOR Analogue RGB, mini D-sub 15pin x 1 SD MEMORY CARD SLOT SD Memory Card*7 (SDHC compatible, MMC compatible) MICROPHONE stereo mini jack x 1 S VIDEO IN/OUT CONNECTOR Output x 1 DC IN x 1 USB High Speed USB 2.0 x 3	NETWORK (RJ-45)CONNECTOR 10Base-T/100Base-TX x 1 COMPATIBLE MEMORY CARDS Memory Stick (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible, High-speed data transfer compatible) , SD Memory Card (SDHC compatible) , Multi Media Card MODEM V.92 and V.90 Compliant x 1 MEMORY STICK SLOT Memory Stick (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible, High-speed data transfer compatible)*6 PC CARD SLOT ExpressCard™ /34 x1 HDMI CONNECTOR Output x 1 HEADPHONE stereo mini jack x 1
Wireless Connection	NETWORK CONNECTION Intel® Wireless WiFi Link 4965AGN WIRELESS LAN TYPE Integrated Wireless LAN IEEE 802.11a/b/g/Draft n *8 BLUETOOTH Bluetooth standard Ver. 2.0+EDR	WIRELESS LAN FREQUENCY 5 GHz (802.11a/Draft n), 2.4 GHz (802.11b/g/Draft n) WIRELESS LAN DATA RATE maximum 11 Mbps (802.11b)/54 Mbps (802.11a/g) 300 Mbps (Draft 802.11n) *9
Camera	FRONT SIDE CAMERA Effective Pixels: 1280x1024	
Audio	MICROPHONE Built-in monaural microphone SPEAKER Built-in stereo speakers	SOUND CHIP DSD compatible high quality sound chip; "Sound Reality"(Intel® High Definition Audio compatible) , 3D audio (Direct Sound 3D support)
Keyboard/Input Device	KEYBOARD Approx. 19 mm key pitch / 2mm keystroke , 86 keys	TOUCHPAD Intelligent Touchpad
Battery Life	OPTIONAL LONG BATTERY VGP-BPL8 Lithium-ion battery: up to 4.5 hours of use*10	BUNDLED BATTERY VGP-BPS8 Lithium-ion battery: up to 2.5 hours of use*10
Size	DIMENSIONS (WXHXD) 355.8 x 24.9 - 34.5 x 254.4 mm	WEIGHT 2.7 kg (including the supplied battery)
Included Software	SUPPORT VAIO Recovery Center, VAIO Update 3.0, VAIO Data Restore Tool 1.0 WORD PROCESSOR / SPREADSHEET 60-Days Trial Version of Microsoft® Office Professional 2007*12 HOME NETWORK VAIO Media 6.0 TOOL Roxio Easy Media Creator 9.1, Adobe® Reader® 8, Norton Internet Security™ 2008(Installer)*13 MUSIC VAIO MusicBox 1.1, SonicStage Mastering Studio 2.4, SonicStage Mastering Studio Audio Filter 2.3, DSD Direct Player 1.0	VIDEO EDIT/PLAYBACK VAIO Movie Story 1.1, VAIO Content Exporter 1.2, Adobe® Premiere® Elements 4.0, VAIO Edit Components 6.4*11, WinDVD for VAIO 8.0 UTILITIES VAIO Control Center 2.1, VAIO Camera Capture Utility 2.7, VAIO Launcher 1.1, Setting Utility Series 3.1, ArcSoft Magic-i™ Visual Effects 1.0(Installer) DVD CREATION Click to Disc 1.0, Click to Disc Editor 1.0 AV ENTERTAINMENT Instant Mode, Image Converter 3 STILL IMAGE/PHOTO Windows® Photo Gallery, Picasa™, Adobe® Photoshop® Elements 6.0(Installer)
Supplied Accessories	AC ADAPTOR AC Adaptor(VGP-AC19V24)	BATTERY Lithium-ion battery(VGP-BPS8)*14
Warranty	PERIOD One year*15	

Features and specifications are subject to change without notice.

*1 CPU speed will be reduced under certain operating conditions.

*2 Intel® Virtualization Technology is not supported on VAIO.

*3 If memory modules of the same capacity are installed to both of the two memory module slots, the supported dual channel mode provides better performance.

*4 A portion of the system memory over 3GB may not be available to the operating system. Sony does not guarantee compatibility with memories of other brands.

*5 GB means one billion bytes when referring to hard disk drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.

*6 Compatibility confirmed with Sony branded "Memory Stick" media only.

*7 The copyright protection of the SD memory card is not supported.

*8 The maximum communication distance can vary depending on the obstacles or the distance between the communication devices, the radio waves, the operating system or the software being used.

*9 The communication speed varies depending on the distance between communication devices, existence of obstacles between such devices, the device configuration, the radio conditions, and the software in use. In addition, communication may be cut off depending on the radio conditions.

*10 Estimated battery life (under JEITA Battery Run Time Measurement Method (ver.1.0).) Actual battery life may vary with different operating conditions and settings. For further details, please visit vaio-online.sony.com

*11 Though the software is not pre-installed, the official license is registered. It can be downloaded free of charge.

*12 This software is intended for evaluation purposes only. It must be activated before actual use, and the activation procedures will be detailed during initial launch.

Activation requires Internet access, which enables certain functions included. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting options and operations.

*13 Free use of 90 days. Further update will be charged.

*14 This product may only function with a genuine Sony battery designed for this model.

*15 Warranty conditions may vary by region.

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