

VAIO Personal Computer - VGN-FE48G/H and VGN-FE45G/W



VGN-FE48G/H



VGN-FE45G/W

Hong Kong, January 30, 2007 – Sony Corporation of Hong Kong Limited today announced two additions to its VAIO Personal Computer FE Series – the VGN-FE48G/H and VGN-FE45G/W. Thanks to upgraded hardware specifications and the latest Genuine Windows Vista™ Home Premium (English version) with Traditional Chinese Language Pack operating system, the VGN-FE48G/H and VGN-FE45G/W offer supreme multimedia features for home audio-visual (AV) entertainment.

The new models feature a 15.4-inch Clear Bright High-Colour widescreen LCD display with a clever design that aligns two internal fluorescent tubes vertically. Together with the NVIDIA® GeForce® Go 7600 display card, the new VAIO FE Series is an ultimate high-performance mobile media centre.

VAIO is always distinguished by its prowess in design and aesthetics. The VAIO FE Series is a stylish lifestyle advance as reflected by the new titanium grey colour and the sleek design of the VGN-FE48G/H. Specially blended aluminum particles and magnesium alloy give high brightness and a sense of premium to its body. Considerate keyboard styling offers an ultra-smooth typing feel. Full 19mm key pitch and 2.5mm keystroke promote confident familiarity and close attention to design, which maximises comfort for the users regardless of the size of their hands.

Integrated wireless LAN connection (802.11a/b/g), Bluetooth 2.0 chipset, USB 2.0 ports, i.LINK (IEEE1394), S-Video out connector, SD memory card slot and Memory Stick slot (Standard/ Duo size compatible) offer extensive connectivity on the new VAIO FE Series. The new models come with the latest Genuine Windows Vista™ Home Premium operating system with a full suite of software including Adobe® Premiere® Elements, WinDVD, Click to DVD and Adobe® Photoshop® Elements 5.0 for easy multimedia applications.

Both models are powered by the latest Intel® Centrino® Duo Mobile Technology, with an Intel® Core™2 Duo Processor T7200 (2.0GHz) for the VGN-FE48G/H and an Intel® Core™2 Duo Processor T5600 (1.83GHz) for the VGN-FE45G/W. With 1GB DDR2 Memory, large capacity HDD (160GB for the VGN-FE48G/H and 100GB for the VGN-FE45G/W) and a DVD±RW/±R DL/ RAM optical drive, the new VAIO FE Series is a powerful platform for multimedia operations.

The VGN-FE48G/H will be available from end of February 2007 at the suggested retail price of HK\$14,980, while the VGN-FE45G/W will be launched from mid February 2007 at HK\$11,980.

no more bounds

VAIO has focused on offering new ways of enjoying the PC ever since its introduction. After its successful establishment as a brand in the fields of computing and personal entertainment, VAIO has entered a new phase of dynamic transformation. By removing the boundaries between traditional AV and IT products and revealing new possibilities while simplifying the way technology is used, VAIO provides the full benefits of true AV/IT convergence: further enjoyment of entertainment content anywhere, anytime.

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Key specifications of the VGN-FE48G/H and VGN-FE45G/W are as below:

Model	VGN-FE48G/H	VGN-FE45G/W
Processor	Intel® Centrino® Duo Mobile Technology	
	Intel® Core™2 Duo Processor T7200 (2GHz) *1*2	Intel® Core™2 Duo Processor T5600 (1.83GHz) *1*2
	Intel® PRO/Wireless 3945ABG Network Connection	
Chipset	Intel® 945PM Express Chipset	
Operating System	Genuine Windows Vista™ Home Premium (English version) with Traditional Chinese Language Pack	
Processor System Bus	667MHz	
Memory Bus	667MHz	
Cache Memory	4MB Advanced Smart Cache	2MB Advanced Smart Cache
Main Memory	1GB DDR2 SDRAM*3 (upgradeable up to 2GB) 2 SO-DIMM slots (The pre-installed memory module uses one)	
Hard Disk	160GB (HDD recovery storage: 7GB*4 C: Remain) Serial ATA, 5400rpm	100GB (HDD recovery storage: 7GB*4 C: Remain) Serial ATA, 5400rpm
Optical Drive	DVD±RW/±R DL/RAM Drive Maximum reading speed: DVD-ROM, DVD+R, DVD-R, DVD+RW: 8x DVD-RW, DVD+R DL, DVD-R DL: 6x DVD-RAM: 5x CD-R, CD-RW, CD-ROM: 24x Maximum writing speed: DVD+R, DVD-R, DVD+RW: 8x DVD-RW: 6x DVD+R DL, DVD-R DL: 4x DVD-RAM: 5x CD-RW: 16x CD-R: 24x	
Graphics Accelerator	NVIDIA® GeForce® Go 7600 notebook graphics processing unit (GPU)	
Total Available Graphics Memory (Max)*5	383 MB	
Display	15.4" Wide (WXGA: 1280 x 800) TFT colour display (Clear Bright High Colour LCD: Dual Lamp, Wide View)	

Interfaces	USB 2.0 x 3 • i.LINK (IEEE 1394) S400 (4pin) • S-Video Out connector • Network (RJ-45) connector (100BASE-TX/10BASE-T) • Headphone jack (stereo mini) • Microphone jack (stereo mini) • Monitor connector (Analogue RGB, Mini D-SUB 15 pin) • Modular (RJ-11) connector • Multi function bay docking station connector • Memory Stick Duo Slot* ⁶ (MagicGate compatible, Memory Stick PRO Duo compatible, High-speed data transfer compatible)
Compatible Memory Cards* ⁷	Memory Stick* ⁸ (Standard/Duo Size, MagicGate, Memory Stick PRO) • SD Memory Card* ⁹ • xD-Picture Card • Multi Media Card
Wireless LAN	Integrated Wireless LAN IEEE 802.11a/802.11b/802.11g* ¹⁰ • Intel® PRO/Wireless 3945ABG Network Connection • Data rate: maximum 11Mbps (802.11b)/54Mbps (802.11a/g)* ¹¹ • Frequency: 5GHz (802.11a), 2.4GHz (802.11b/g)
Bluetooth®	Bluetooth® standard version 2.0+EDR • Output: maximum +6dBm • Frequency: 2.4GHz
Modem	V.92 and V.90 Compliant
PC Card Slot	ExpressCard™/34 x 1, Type I/II x 1
Camera	Effective Pixels: 640x480 Image Device: 1/6", VGA CMOS Lens: 2 elements in 2 groups, F2.8 Focus distance: f=2.45mm
Audio	DSD compatible high quality sound chip: "Sound Reality" (Intel® High Definition Audio compatible) • 3D audio (Direct Sound 3D support) • Built-in stereo speakers • Built-in monaural microphone
Keyboard/Input Device	Approx. 19mm key pitch / 2.5mm keystroke • 86 keys • Intelligent Touchpad
Battery	VGP-BPS2B* ¹² Lithium-ion battery: up to 2.5 hours of use* ¹³
Dimensions (W x H x D)	366 × 26-35.3 × 274.5mm
Weight	2.8kg (including the supplied battery)
Included Software	AV Entertainment: Windows® Media Center Video Edit/Playback: DVgate Plus 2.3, VAIO Video & Photo Utility 1.0, Adobe® Premiere® Elements 3.0 (Installer), VAIO Edit Components 6.1 (Installer), WinDVD for VAIO 8.0 DVD Creation: Click to DVD 2.6 Music: SonicStage CP 4.2, SonicStage Mastering Studio 2.3, SonicStage Mastering Studio Audio Filter 2.3 Still Image/Photo: Windows® Photo Gallery, Adobe® Photoshop® Elements 5.0 (Installer) Home Network: VAIO Media 6.0 Tool: Roxio Easy Media Creator 9.0 (Installer), Adobe® Reader® 7, Norton Internet

	<p>Security™ 2007</p> <p>Utilities: VAIO Control Center 2.0, VAIO Camera Utility 2.0</p> <p>Support: VAIO Recovery Utility, VAIO Update 3.0</p>
Supplied Accessories	<p>AC adapter (VGP-AC19V12) • Lithium-ion battery (VGP-BPS2B) • Memory Card Adapter (VGP-MCA20)</p>
Local Warranty	<p>One year</p>

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, computer will run in dual channel mode and provide better performance.
 - *4 Necessary data for recovery (setting back to initial shipment settings) in the hard disk drive consuming approximately 7GB in size is available separately.
 - *5 Total Available Graphics Memory refers to the new Windows Vista™ classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory.
 - *6 Compatibility confirmed with Sony branded “Memory Stick” media only.
 - *7 Including cards that can be inserted in direct slots and the supplied memory card adapter (VGP-MCA20).
 - *8 As for the Memory Stick PRO media, only Sony branded media is recommended to use with the Memory Card Adapter (VGP-MCA20).
 - *9 The copyright protection and high-speed data transfer features of the SD memory card are not supported (VGP-MCA20).
 - *10 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.
 - *11 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.
 - *12 This product may only function with a genuine Sony battery designed for this model.
 - *13 Estimated battery life (under JEITA Battery Run Time Measurement Method (ver.1.0).) Actual battery life may vary with different operating conditions and settings. The optional battery VGP-BPL2C offers up to 4 hours and 4.5 hours of use for the VGN-FE48G/H and VGN-FE45G/W respectively.
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