

SONY

Sony recommends Windows Vista™ Home Premium.



Intel® Centrino® Duo Mobile Technology

VAIO FE

VGN-FE45G/W



Impressive clarity for everyday entertainment.

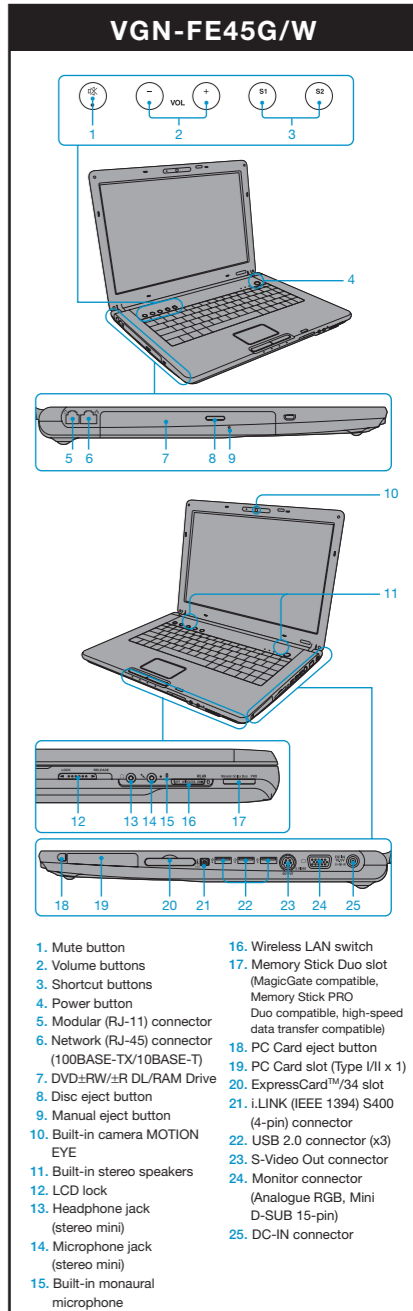
Specifications

Model	VGN-FE45G/W
Platform	Intel® Centrino® Duo Mobile Technology • Intel® Core™2 Duo Processor T5600 (1.83GHz) ^{1,2} • Intel® PRO/Wireless 3945ABG Network Connection • 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	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	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	383MB
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 (4-pin) • 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 Cards⁷	• Memory Stick [®] (Standard/Duo Size, MagicGate, Memory Stick PRO) • SD Memory Card [®] • 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: 640 x 480 / 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 x 26-35.3 x 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 Security™ 2007 • Utilities: VAIO Control Center 2.0, VAIO Camera Utility 2.0 • Support: VAIO Recovery Utility, VAIO Update 3.0
Supplied Accessories	• AC adapter (VGP-AC19V12) • Lithium-ion battery (VGP-BPS2B) • Memory Card Adapter (VGP-MCA20)
Warranty	One year ¹⁴

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, the 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. ¹⁴ Warranty conditions may vary by region.

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Optional Accessories for VGN-FE45G/W (availability depends on region)

VGP-SP100
2.1ch Amplified Speakers

- Unparalleled multimedia experience
- Easy connectivity via USB 2.0
- 1.2W Subwoofer plus bass balance

VGP-PRFE1
Multi Function Bay Docking Station

- Multi Function Bay
- Monitor connector (Analogue RGB)
- Monitor connector (DVI-D)
- S-Video Out connector
- Network connector
- USB2.0 connector (x4)

VGP-AC19V12
AC Adapter

- Universal voltage compatible: AC100 - 240V

VGP-MBC20
Black (B), Gray (H)
Carrying Bag

- Smart protection with style
- Luxurious, abundant space
- Retractable handle for portable ease

VGP-BPL2C
Lithium-ion Battery (L)

- Rechargeable battery
- Up to 4.5 hours of use¹³

VGP-BMS33
Silver (S), Black (B)
Bluetooth® Laser Mouse

- Smart wireless mouse for mobile use
- Highly accurate laser sensor
- Innovative PTFE sole for precise operation
- Sensor resolution: 800 dots per inch

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VAIO
no more bounds



Superior satisfaction at a glance.

The VAIO FE45G/W redefines the home computing experience. With the advantage of a 15.4" wide Clear Bright High Colour LCD, it offers enhanced viewing enjoyment for everyone — with brightness dramatically heightened beyond that of many other notebook LCDs and superior colour reproduction covering 72% of the colour range of conventional LCD televisions, compared with 40 to 50% for most notebook LCDs. Featuring a new Intel® Core™2 Duo processor, the VAIO FE45G/W embraces Intel® Centrino® Duo mobile technology for ample performance that satisfies family demands, while its sleek, slim, stylish white design makes it an attractive focal point of any smart interior. Looking to blend elegance with enhanced entertainment? The VAIO FE45G/W with the latest operating system, Windows Vista™ Home Premium, is the obvious choice.

VGN-FE45G/W



VAIO mirror logo | 15.4" wide Clear Bright High Colour LCD | Full-pitched keyboard | Built-in camera MOTION EYE



Expressive Enjoyment

Enjoy exceptional entertainment at home with VAIO VGN-FE45G/W and the latest operating system, Windows Vista™ Home Premium. Featuring a 15.4" wide Clear Bright High Colour LCD, the VAIO FE45G/W takes brightness and colour reproduction capability far beyond levels achieved by other notebook LCDs. In fact, most notebook LCDs can only reproduce 40 to 50% of the colour range of conventional LCD televisions, but VAIO FE45G/W can reproduce a remarkable 72%. And with a powerful NVIDIA® GeForce® Go 7600 GPU, viewing pleasure is even further enhanced. Whenever the whole family wants to watch together, the S-Video Out connector makes it easy to output display to a TV anytime. Because the VAIO FE45G/W comes with a built-in camera MOTION EYE and a built-in microphone, you can video chat as soon as you switch on. And as it also offers Bluetooth® capability, you can enjoy smooth voice communication with Bluetooth® compatible headsets. Whatever you choose to do, the expressive difference is impressively apparent.

Prominent Performance

Not only does the VAIO FE45G/W offer a distinct display advantage, but it also provides ample performance. Incorporating the Intel® Core™2 Duo Processor T5600 (1.83GHz), it ensures operation stays smooth even when numerous applications are open, while an Intel® PRO/Wireless 3945ABG Network Connection helps keep you in touch with family and friends. 1GB DDR2 SDRAM (667MHz) main memory pushes potential further, and wide ranging compatibility starts with slots for both Memory Stick Duo and ExpressCard™/34 — with a supplied adapter that adds access to a variety of memory media. There's even an optional docking station (VGP-PRFE1) that not only makes it easy to connect to and disconnect from a set of peripherals in one action but also enables insertion of a HDD (VGP-HDBX08A*) to increase storage capacity. Step up to prominent performance and enhance your everyday life.

* Availability depends on region.

Quality Creativity

Add further quality to creative enjoyment. Incorporating Sony's Sound Reality audio chip, the VAIO FE45G/W takes sound performance to a superior level with noise reduction akin to high performance audio products. And featuring DSD format compatibility, the VAIO FE45G/W enables exceptional playback fidelity. There's also the advantage of the SonicStage Mastering Studio Audio Filter with four exclusive headphone presets created by professional studio engineers — so you and all the family can get the utmost satisfaction from Sony recommended headphones. Refined enjoyment also extends to DVD creation — with a DVD±RW/±R DL/RAM Drive, plus Click to DVD software that makes it easy to produce a masterpiece out of your own precious memories.



LCD image comparison



Clear Bright High Colour LCD | Standard LCD

Main features

Superior viewing: Clear Bright High Colour LCD (Dual Lamp, Wide View)	Visual communication: Built-in Camera MOTION EYE	High-quality sound: Sound Reality Audio Chip	Connect to TV: S-Video Out Connector	Network freedom: Wireless LAN 802.11a/b/g
Content sharing: Memory Stick Duo Slot (MagicGate/PRO Duo compatible)	Next generation PC card compatible: ExpressCard™/34 slot	Comfortable typing: Full-pitched Keyboard	Optional accessory: Multi Function Bay Docking Station	Handy Presentation: Plug & Display
High quality: 2-sided Magnesium Body	DVD video recording: One-Click DVD Video Creation	Cable free: Bluetooth®		

Basic specifications

Intel® Core™2 Duo Processor T5600 (1.83GHz)	Genuine Windows Vista™ Home Premium	15.4" WXGA 1280 x 800 LCD	NVIDIA® GeForce® Go 7600 GPU
DVD±RW/±R DL/RAM Drive	1GB (DDR2) Main Memory	100GB Hard Disk Drive (Serial ATA, 5400rpm)	

Powerful software for creative minds.

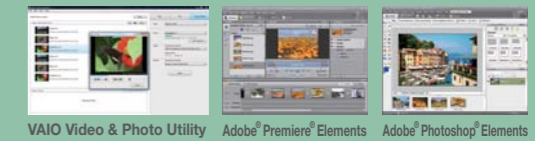
DVD CREATION

With Click to DVD, you're only a click away from creating your own photo, movie + photo, or video DVD on DVD±RW/±R DL or DVD-RAM disc. You can also create 5.1 surround sound DVDs. Moreover, Roxio Easy Media Creator 9 lets you back up audio, image, and data files on CDs and DVDs.



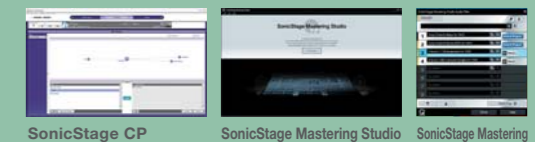
VIDEO & PHOTOS

VAIO Video & Photo Utility makes it easier than ever to import and export many kinds of AV files. VAIO Content Importer simplifies the import of videos and photos from various sources, including Handycam®, Cyber-shot®, and DLNA server. You can then edit your video footage with Adobe® Premiere® Elements and your still images with Adobe® Photoshop® Elements. After editing, data can easily be burned on a DVD or exported to a Memory Stick with VAIO Content Exporter, letting you fully enjoy your digital lifestyle.



MUSIC

Import music from the Net or CDs with SonicStage CP. Then transfer it to a Walkman® or burn your own original CDs. SonicStage Mastering Studio lets you import analogue music (Roland EDIROL AUDIO capture UA-25* or UA-101* USB audio interface device required) and edit it with high-quality effector modules before recording on a CD. SonicStage Mastering Studio Audio Filter can enhance any sound played on VAIO and provides excellent headphone presets.



* Availability depends on region. Note: Any copying or reproduction of copyrighted material may amount to copyright infringement. Song titles, names of artists and other information shown in the SonicStage CP screen capture are provided for illustrative purposes only.

