

SONY



Intel® Centrino® Duo Processor Technology

VAIO N

VGN-N37GH/B



Design simplicity meets solid performance

like.no.other

VAIO
no more bounds

Sony recommends Windows Vista™ Business.

Specifications

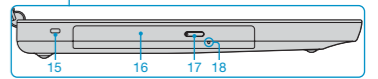
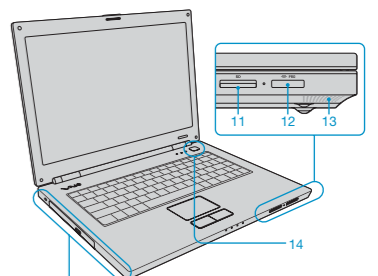
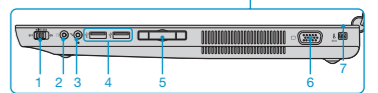
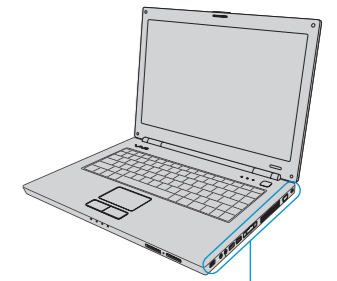
Model	VGN-N37GH/B	
Processor Technology	Intel® Centrino® Duo Processor Technology • Intel® Core™2 Duo Processor T5300 (1.73GHz) ^{1,2} • Intel® PRO/Wireless 3945ABG Network Connection • Intel® 945GM Express Chipset	
OS	Genuine Windows Vista™ Home Basic (English version) with Traditional Chinese Language Pack	
Processor System Bus	533MHz	
Memory Bus	533MHz	
Cache Memory	2MB Advanced Smart Cache	
Main Memory	Pre-installed / Max	1GB ³ (upgradeable up to 2GB)
SO-DIMM slots	2 SO-DIMM slots (The pre-installed memory module uses one)	
Hard Disk Drive	100GB (HDD recovery storage: max. 8GB ⁴ , C: Remain) Serial ATA, 5400rpm	
Drive	DVD±RW/±R DL/±RAM Drive	
Optical Disc Drive	Maximum Reading Speed	DVD+R: 8x (Single Layer), 6x (Double Layer) / DVD-R: 8x (Single Layer), 4x (Dual Layer) / 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 (Single Layer), 4x (Double Layer) / DVD-R: 8x (Single Layer), 4x (Dual Layer) / DVD+RW: 8x / DVD-RW: 4x / DVD-RAM: 5x / CD-R: 24x / CD-RW: 16x	
Graphics Accelerator	Intel® Graphics Media Accelerator 950	
Total Available Graphics Memory (Max)⁵	251MB	
Display	15.4" Wide (WXGA: 1280 x 800) TFT Colour display (Clear Bright LCD Lite)	
USB	High Speed USB 2.0 x 2	
i.LINK (IEEE 1394)	4pin (S400) x 1	
Network (RJ-45) Connector	10Base-T/100Base-TX x 1	
Display Output Connector	Analogue RGB, mini D-sub 15pin x 1	
Headphone	stereo mini jack x 1	
Microphone	stereo mini jack x 1	
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	
SD Memory Card Slot	SD Memory Card ⁷ (MMC compatible)	
DC IN	x 1	
Wireless Connection	Wireless LAN	• Integrated Wireless LAN IEEE 802.11a/b/g ⁸ • Intel® PRO/Wireless 3945ABG Network Connection • Data rate: maximum 11Mbps (802.11b) / 54 Mbps (802.11a/g) ⁹ • Frequency: 5GHz (802.11a), 2.4 GHz (802.11b/g)
Compatible Memory Cards	• Memory Stick (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible, High-speed data transfer compatible) • SD Memory Card • Multi Media Card	
PC Card Slot	ExpressCard™/34 x 1	
Audio	• Intel® High Definition Audio compatible • 3D audio (Direct Sound 3D support) • Built-in stereo speakers	
Keyboard / Input Device	• Approx. 19mm key pitch / 2.5mm keystroke • 86 keys • Intelligent Touchpad	
Battery	Bundled Battery	VGP-BPS2A/S Lithium-ion battery: up to 4.0 hours of use
Life¹⁰	Optional Long Battery	VGP-BPL2C Lithium-ion battery: up to 7.0 hours of use
Dimensions (W x H x D)	364 x 29 - 38.9 x 264.5mm	
Weight	2.95kg (including the supplied battery)	
Included Software	• AV Entertainment: Image Converter 3 • Video Edit/Playback: VAIO Video & Photo Suite 1.1, Adobe® Premiere® Elements 3.0, VAIO Edit Components 6.2, WinDVD for VAIO 8.0 • DVD Creation: Click to DVD 2.6 • Music: SonicStage CP 4.3, 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® 8, Norton Internet Security™ 2007 ¹¹ • Utilities: VAIO Control Center 2.0 • Support: VAIO Recovery Utility, VAIO Update 3.0, VAIO Hardware Diagnostics 3.3	
Supplied Accessories	AC Adaptor (VGP-AC19V20) • Lithium-ion battery (VGP-BPS2A/S) ¹²	
Warranty	One year ¹³	

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 8GB 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 The copyright protection and high-speed data transfer features of the SD memory card are not supported. Not compatible with SD Memory Cards of more than 2GB capacity such as SDHC Memory Card. 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 Free use of 90 days. Further update will be charged. ¹² This product may only function with a genuine Sony battery designed for this model. ¹³ Warranty conditions may vary by region.

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VGN-N37GH/B



1. Wireless LAN switch
2. Headphone jack (stereo mini)
3. Microphone jack (stereo mini)
4. USB 2.0 connector (x2)
5. ExpressCard™/34 slot
6. Monitor connector (Analogue RGB, mini D-SUB 15-pin)
7. i.LINK (IEEE1394) S400 (4-pin) connector
8. Network (RJ-45) connector (100BASE-TX/10BASE-T)
9. Modular (RJ-11) connector
10. DC-IN connector
11. SD Memory Card slot (MMC compatible)
12. Memory Stick slot (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible, high-speed data transfer compatible)
13. Built-in speakers (stereo)
14. Power button
15. Security slot
16. DVD±RW/±R DL/±RAM Drive
17. Disk eject button
18. Manual eject hole

Optional Accessories for VGN-N37GH/B (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-BPL2C
Lithium-ion Battery (L)

- Rechargeable battery
- Up to 7.0 hours battery life¹⁰



VGP-UMS55
Silver (S), Black (B)
USB Laser Mouse

- Ergonomic design naturally fits your hand
- Highly accurate laser sensor
- Innovative PTFE sole for precise operation
- Sensor resolution: 800 dots per inch



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

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



VGP-AC19V12
AC Adaptor

- Universal voltage compatible: AC100 - 240V



VGP-CG100
PC Cleaning Kit

- PC/LCD cleaning with microfibre cloth
- Goat-fur brush for detailed dusting of PC/keyboard
- Integrated case includes handbook



vaio-online.sony.com



Sony recommends Windows Vista™ Business.



VGN-N37GH/B

Simple design that's simply entertaining



Black colour/Embossed logo



Full-pitched keyboard



Latchless design

Simple design, solid performance, and ample functionality make VAIO N37GH/B the home solution in entertainment and SOHO business that fits your lifestyle. Slim and stylish in chic black, its understated elegance uniquely matches modern interiors. With smooth response from Intel® Core™2 Duo Processor T5300 (1.73GHz)*, integrated AV functions enhance creativity and file management while expanding your choices for simply exciting entertainment. And the crisp 15.4" wide screen offers vivacious colours and ample space for easy viewing — from family scenes to thrilling DVD movies. Whether living room, terrace, or personal space, anywhere you go at home is the place to get comfortable in style — with the new VAIO N37GH/B, now bundled with the new operating system

Windows Vista™ Home Basic for more secure and productive computing.



* CPU speed will be reduced under certain operating conditions.

✦ Main features

- Beautiful viewing: Clear Bright LCD Lite
- Network freedom: Wireless LAN 802.11 a/b/g
- Handy home use: 2.95kg
- Direct Media Access: Memory Stick Slot / SD Memory Card
- Comfortable typing: Full-pitched Keyboard
- Handy presentation: Plug & Display

✦ Basic specifications

- Intel® Core™2 Duo Processor T5300 (1.73GHz)
- Genuine Windows Vista™ Home Basic
- 15.4" WXGA display 1280 x 800 LCD
- DVD±RW/±R DL/RAM Drive
- Memory 1GB (Max 2GB)
- Hard Disk Drive 100GB
- Intel® Graphics Media Accelerator 950

Refined for tasteful simplicity and user-friendly design

The VAIO N37GH/B appeals to modern sensibility with design features like chic black colour, smoothly textured top and bottom panels, and embossed logo — all set in a sleek profile. The original VAIO logo is etched for a contemporary look expressing the refined simplicity of this notebook PC. Complementing this style is the latchless closure streamlined for quick, easy handling and for good looks when open. Another convenient feature is the user-friendly layout of interfaces for easy connectivity to peripherals and other handy accessories. And for comfort in emailing and other writing tasks, the full-pitched keyboard has room to move like any standard desktop PC. Down to the last detail, the VAIO N37GH/B offers style and ease for anything you need to do.

Performance geared for creative fun

Look no further than VAIO N37GH/B for performance at your command in the comfort of home. With its advanced processing, satisfying media compatibility, and easy operation, flexible freedom is yours to enjoy in any room. It has the Intel® Centrino® Duo Processor Technology for quick response and smooth Internet connection to assure communication at home. Then there's compatibility with Memory Stick and SD Memory Card slots, as well as an optical drive with DVD±RW/±R DL/RAM reading and writing for creative media enjoyment. Finally, the 15.4" wide screen assures memorable DVD content or spectacular DVD movies are seen in bold colours with bright illumination. Performance features like these are just some of the ways VAIO N37GH/B helps you discover new possibilities while having lots of fun.



AV entertainment

When it's entertainment you want, just the way you like, VAIO N37GH/B can make it happen with minimal fuss. And transferring the music tracks you love to hear from SonicStage CP to your Walkman* has never been faster or easier with USB 2.0 connection. Now you're ready to go with a full array of songs and styles at your fingertips, set to your preferences. And when it comes to AV enjoyment with a personal touch, you're just a mouse click away from DVD creation with Click to DVD software. User-friendly video/DVD editing is assured by enhanced Intel® Core™2 Duo Processor T5300 (1.73Ghz)** and Adobe® Premier® Elements. So whether you want to check out your music distinctly or make your next masterpiece, explore your creativity with total enjoyment — à la Sony's style.

* Availability depends on region.
** CPU speed will be reduced under certain operating conditions.

Powerful Software for creative minds.

VIDEO & PHOTOS



Click to DVD
Create video and photo DVDs on DVD±RW/±R DL or DVD-RAM discs in one click, with 5.1 surround sound.



VAIO Video & Photo Suite
Import and export a wide range of AV files simply and smoothly for playback and editing.



Adobe® Premiere® Elements
Enjoy advanced editing of videos, photos, and music with this renowned software.



Adobe® Photoshop® Elements
Add a personal touch to your prized still images and present them effectively to your friends.



Roxio Easy Media Creator
Back up audio, image, and data files on CDs and DVDs with ease for personal archiving.

WinDVD for VAIO / Windows® Photo Gallery

MUSIC



SonicStage CP
Import the music you like from various sources, create your own playlists and send your music to a Walkman.*



SonicStage Mastering Studio
Convert analogue music to digitally enhanced audio** with high-quality effector modules.



SonicStage Mastering Studio Audio Filter
Enhance any audio content played on VAIO laptop PCs and enjoy it with excellent headphone presets.

SUPPORT

VAIO Update
Alerting you to important changes via Internet that appear as reminder balloons on your desktop.***

Norton Internet Security™ 2007
Highly effective monitoring for viruses and spyware helps keep computing secure.****

VAIO Recovery Utility / VAIO Hardware Diagnostics



* Availability depends on region.
** Roland EDIROL AUDIO capture UA-25* or UA-101* USB audio interface device required.
*** Internet connection required for use.
**** Free use of 90 days. Further update will be charged.
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.