

SONY

Sony recommends Windows Vista™ Business.



Intel® Centrino® Duo Mobile Technology

VAIO SZ

VGN-SZ43GN/B



Solid mobility with refined performance.

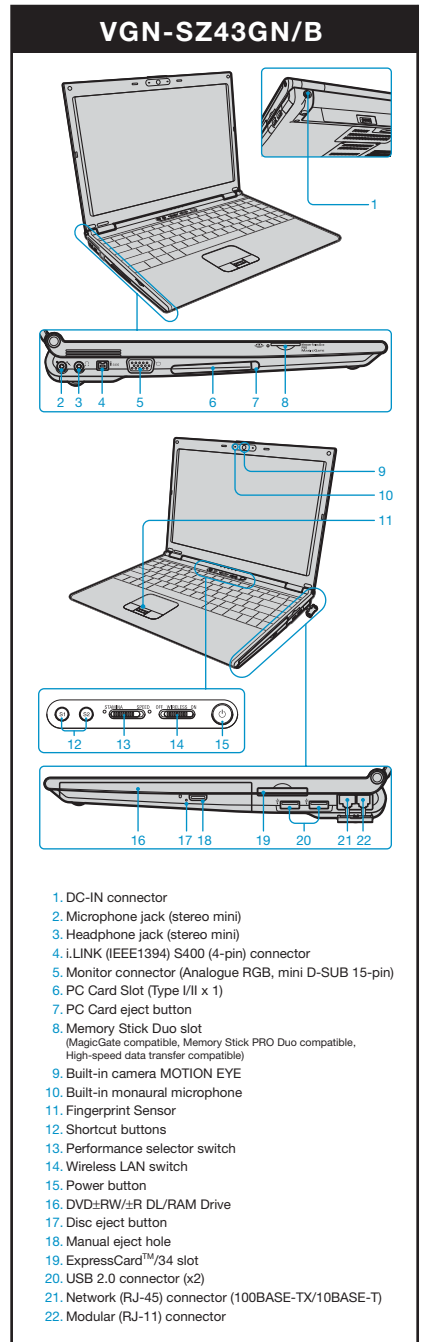
Specifications

Model	VGN-SZ43GN/B
Platform	Intel® Centrino® Duo Mobile Technology • Intel® Core™2 Duo Processor T5500 (1.66GHz) ^{11,2} • Intel® PRO/Wireless 3945ABG Network Connection • Intel® 945GM Express Chipset
Operating System	Genuine Windows Vista™ Business (English version) with Traditional Chinese Language Pack
Processor System Bus	667MHz
Memory Bus	533MHz
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	80GB (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: 8x / DVD+RW, DVD-RW, DVD+R DL, DVD-R DL: 4x / DVD-RAM: 3x / CD-RW, CD-R, CD-ROM: 24x Maximum writing speed: DVD+R, DVD-R: 8x / DVD+RW, DVD-RW: 4x / DVD-RAM: 3x / DVD+R DL: 2.4x / DVD-R DL: 2x / CD-R: 24x / CD-RW: 16x
Graphics Accelerator	NVIDIA® GeForce® Go 7400 notebook graphics processing unit (GPU)
Total Available Graphics Memory (Max)⁵	319MB
Display	13.3" Wide (WXGA: 1280 x 800) TFT colour display (Clear Bright LCD: Single Lamp, Wide View)
Interfaces	• USB2.0 x 2 • i.LINK (IEEE 1394) S400 (4-pin) • 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 • 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 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)
Security Chip	TCG Ver.1.2 compliant Trusted Platform Module (TPM)
Fingerprint Sensor	Built-in Fingerprint Sensor
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: 1/8", VGA CMOS / Lens: 2 elements in 2 groups, F4 / Focus distance: f = 1.74mm
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 / 3mm keystroke • 86 keys • Intelligent Touchpad
Battery	VGP-BPS2C ¹² Lithium-ion battery: up to 5.5 hours of use (at STAMINA MODE) ¹³
Dimensions (W x H x D)	315 x 24.7-36.0 x 234.3mm
Weight	1.85kg (including the supplied battery)
Software Applications	• 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, VAIO HDD Protection 2.0, Infineon TPM Professional Package (Installer), Protector Suite QL 5.3 • Support: VAIO Recovery Utility, VAIO Update 3.0
Supplied Accessories	• AC adapter (VGP-AC19V12) • Lithium-ion battery (VGP-BPS2C) • 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, this 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 "Memory Stick" 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 JETA Battery Run Time Measurement Method ver.1.0). Actual battery life may vary with different operating conditions and settings. Estimated battery life at "SPEED MODE" will be approximately 1.5 hours shorter for VGP-BPS2C and approximately 2.0 hours shorter for VGP-BPL2C. For further details, please visit vaio-online.sony.com ¹⁴ Warranty conditions may vary by region.

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Optional Accessories for VGN-SZ43GN/B (availability depends on region)

VGP-PRSZ1
Docking Station

- Monitor connector (DVI-D)*
- Monitor connector (Analogue RGB, mini D-SUB 15-pin)
- Network connector
- USB 2.0 connector (x3)

* DVI-D connector is active when the PC uses the external graphics chip (SPEED MODE).

VGP-CKSZ1
Carrying Case

- Integrated "VAIO Smart Protection™" for PC cushion
- Solid design matching VAIO SZ
- Special engraved metal VAIO logo

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

VGP-BPL2C
Lithium-ion Battery (L)

- Rechargeable battery
- Up to 8.5 hours of use¹³

VGP-CP8
VAIO Carrying Pouch

- Velcro closure
- Convenient use with large capacity battery attached
- Mini-pouch included to store accessories like AC adapter or mouse

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

vaio-online.sony.com

like.no.other

VAIO
no more bounds



A delicate harmony of mobility, style and power

VGN-SZ43GN/B

VAIO SZ43GN/B has solid features in delicate balance. Like advanced Intel® Centrino® Duo Mobile Technology for varied mobile performance and Sony's Hybrid Graphic System, for freedom to choose the graphic accelerator you need. Or the 13.3" wide size offering optimal portability with satisfying Clear Bright LCD features. The full-pitched, full-sized keyboard also is made for maximum usability. Two-toned in Charcoal Black and light silver, enhanced by an aluminium hairline palm rest, the VAIO SZ43GN/B exudes exclusive design. All delicately harmonised into a slim 13.3" wide notebook!! Would you expect anything less from VAIO SZ43GN/B?



■ Built-in camera centred on an LCD bezel



■ Built-in Fingerprint Sensor



■ VAIO mirror logo

Advanced tech styled in a 13.3" wide size

VAIO SZ43GN/B's 13.3" wide size offers optimum display space for efficient business use or movies. Open an application window with a task menu, or two in horizontal layout. Also efficient are the latest operating system, Windows Vista™ Business, and features offering leading technology. Innovative Intel® Centrino® Duo Mobile Technology ensures extremely smooth and powerful mobile performance with its Intel® Core™2 Duo Processor T5500 (1.66GHz), advanced chipset (Intel® 945GM Express Chipset) supported by FSB 667MHz, and Intel® PRO/Wireless 3945ABG Network Connection. Sony's unique Hybrid Graphic System offers a choice of external NVIDIA® GeForce® Go 7400 GPU or internal graphics accelerator. Use SPEED MODE for 3D games, video playing or editing, and STAMINA MODE for various mobile scenes.



Mobile endurance and security

For powerful mobile performance, long-lasting stamina is essential. VAIO SZ43GN/B offers up to 5.5 hours* with standard battery VGP-BPS2C, up to 8.5 hours* with optional battery VGP-BPL2C. In addition, VAIO SZ43GN/B is equipped with a TPM security chip, biometric fingerprint sensor, and HDD password capability for quick log-on and extra data security. Fast and smooth mobility comes from VAIO SZ43GN/B's compatibility with wireless LAN standards IEEE 802.11a, IEEE 802.11b and IEEE 802.11g (Wi-Fi). And, by sensing shakes or shocks and securing the HDD, VAIO HDD Protection with integrated 3D acceleration sensor prevents important data loss.

* Estimated battery life (under JEITA Battery Run Time Measurement Method ver.1.0). Actual battery life may vary with different operating conditions and settings. Estimated battery life at "SPEED MODE" will be approximately 1.5 hours shorter for VGP-BPS2C and approximately 2 hours shorter for VGP-BPL2C.



Communication advantages + AV

VAIO SZ43GN/B features advanced mobile PC communication with built-in MOTION EYE camera and mic. Simply turn on MOTION EYE for convenient videoconferencing. Or use Bluetooth®-compatible headsets with applications for smooth voice communication. VAIO SZ43GN/B also features versatile audiovisual capabilities. Sony's new Sound Reality audio chip takes sound performance to a superior level. And SonicStage Mastering Studio Audio Filter with 4 exclusive sound presets works superbly with specially recommended headphones*. With VAIO SZ43GN/B's DVD±RW/±R DL/RAM Drive, archiving your digital masterpieces like home videos, edited movies, or photos couldn't be smoother. For flexible editing capability, take advantage of the integrated Memory Stick Duo slot and ExpressCard™/34 slot plus bundled Memory Card Adapter. Communicate, create, and listen with VAIO SZ43GN/B!

Recommended headset



Sony Ericsson BH-BPV705*

Powerful software for creative minds.

DVD CREATION

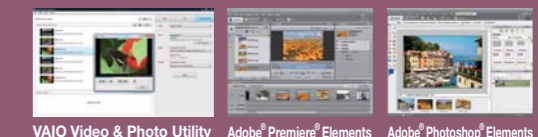
With Click to DVD, you're only a click away from creating your own photo, movie + photo, or video DVD on DVD±RW/±R DL or DVD-RAM disc. You can also create 5.1 surround sound DVDs. Moreover, Roxio Easy Media Creator 9 lets you back up audio, image, and data files on CDs and DVDs.



Click to DVD Roxio Easy Media Creator 9

VIDEO & PHOTOS

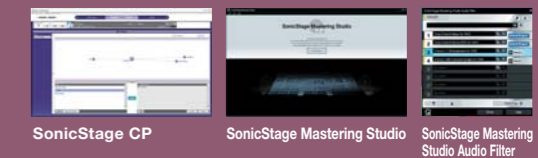
VAIO Video & Photo Utility makes it easier than ever to import and export many kinds of AV files. VAIO Content Importer simplifies the import of videos and photos from various sources, including Handycam®, Cyber-shot®, and DLNA server. You can then edit your video footage with Adobe® Premiere® Elements 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.



VAIO Video & Photo Utility Adobe® Premiere® Elements Adobe® Photoshop® Elements

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.



SonicStage CP SonicStage Mastering Studio SonicStage Mastering Studio Audio Filter

Main features

High quality: 2-sided Magnesium Body	Beautiful viewing: Clear Bright LCD (Single Lamp, Wide View) / Wide 16:10	Visual communication: Built-in Camera MOTION EYE	Light for its size: 1.85kg	Network freedom: Wireless LAN 802.11a/b/g / Bluetooth®	DVD video recording: One-Click DVD Video Creation	Handy presentation: Plug & Display
Instant ID recognition: Fingerprint Sensor	Assured security: TPM Security Chip / Hard Disk Password	Comfortable typing: Full-pitched Keyboard	Content sharing: Memory Stick Duo Slot (MagicGate/PRO Duo compatible)	Broad media capability: Memory Card Adapter	High quality sound: Sound Reality Audio Chip	Optional accessory: Docking Station

Basic specifications

Intel® Core™2 Duo Processor T5500 (1.66GHz)	Genuine Windows Vista™ Business	13.3" WXGA 1280 x 800 LCD	NVIDIA® GeForce® Go 7400 GPU
DVD±RW/±R DL/RAM Drive	1GB (DDR2) Main Memory	80GB Hard Disk Drive (Serial ATA, 5400rpm)	



* 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.