SONY

Intel® Centrino® Processor Technology

VAIO SZ Premium   VGN-SZ79GN/C

Intelligent mobility with premium style.

Specifications

Model		VGN-SZ79GN/C
Processor Technology		Intel® Centrino® Processor Technology • Intel® Core™2 Duo Processor T9300 (2.50GHz)*1*2 • Intel® Wireless WiFi Link 4965AGN • Mobile Intel® GM965 Express Chipset
OS		Genuine Windows Vista® Business (English version) with Traditional Chinese Language Pack
Chipset		Mobile Intel® GM965 Express Chipset
Processor System Bus		800MHz
Memory Bus		667MHz
Cache Memory		6MB
Main Memory	Pre-installed / Max	2GB DDR2 SDRAM*3 (upgradeable up to 4GB*4)
	SO-DIMM slots	2 SO-DIMM slots (The pre-installed memory module uses two)
Hard Disk Drive		250GB*5 (Serial ATA, 5400rpm)
Optical Disc Drive	Drive	DVD±RW/±R DL/RAM Drive
	Maximum Reading Speed	DVD+R: 8x (Single Layer), 6x (Double Layer) / DVD-R: 8x (Single Layer), 6x (Dual Layer) / DVD+RW: 8x / DVD-RW: 8x / 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: 6x / DVD-RAM: 5x / CD-R: 24x / CD-RW: 16x
Graphics Accelerator		NVIDIA® GeForce® 8400M GS notebook graphics processing unit (GPU) (SPEED MODE) / Intel® Graphics Media Accelerator X3100 (STAMINA MODE)
Dedicated Video Memory		64MB (SPEED MODE)
Display		13.3" Wide (WXGA: 1280 x 800) TFT Colour display (Clear Bright LCD: White LED)
Interface	USB	High Speed USB 2.0 x 2
	i.LINK (IEEE 1394)	4pin (S400) x 1
	Network (RJ-45) Connector	10Base-T/100Base-TX/1000Base-T 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 Duo Slot (MagicGate compatible, Memory Stick PRO Duo compatible, High-speed data transfer compatible)*6
	DC IN	x 1
	Others	Docking Station Connector x 1
Wireless Connection	Wireless LAN	Integrated Wireless LAN IEEE 802.11a/b/g/Draft n*7 • Intel® Wireless WiFi Link 4965AGN • Data rate: Maximum 11Mbps (802.11b), 54Mbps (802.11a/g), 300Mbps (Draft 802.11n)*8 • Frequency: 5GHz (802.11a/Draft n), 2.4GHz (802.11b/g/Draft n)
	Bluetooth	Bluetooth standard Ver. 2.0 + EDR
Compatible Memory Cards*9		• Memory Stick (Standard/Duo Size, MagicGate, Memory Stick PRO)*10 • SD Memory Card (SDHC Compatible)*11 • Multi Media Card • xD-Picture Card
PC Card Slot		• ExpressCard™/34 x 1 • Type I/II x 1
Fingerprint Sensor		x 1
Security Chip		TCG Ver. 1.2 compliant Trusted Platform Module (TPM)
Camera		Effective Pixels: 640 x 480
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 / 2.7mm keystroke • 86 keys • Intelligent Touchpad
Battery Life*12	Bundled Battery	VGP-BPS10 Lithium-ion battery: up to 7 hours of use
	Optional Long Battery	VGP-BPL9 Lithium-ion battery: up to 10 hours of use
Dimensions (W x H x D)		315 x 21.8 - 33 x 234.3mm
Weight		1.75kg (including the supplied battery)
Included Software		• AV Entertainment: Image Converter 3 • Video Edit/Playback: VAIO Movie Story 1.1, VAIO Content Exporter 1.2, Adobe® Premiere® Elements 4.0, VAIO Edit Components 6.4*13, WinDVD for VAIO 8.0 • DVD Creation: Click to Disc 1.0, Click to Disc Editor 1.0 • Music: VAIO MusicBox 1.1, SonicStage Mastering Studio 2.4, SonicStage Mastering Studio Audio Filter 2.3, DSD Direct Player 1.0 • Still Image/Photo: Windows® Photo Gallery, Picasa™, Adobe® Photoshop® Elements 6.0 (Installer) • Home Network: VAIO Media 6.0 • Word Processor/Spreadsheet: 60-Days Trial Version of Microsoft® Office Professional 2007*14 • Tool: Roxio Easy Media Creator 9.1, Adobe® Reader® 8, Norton Internet Security™ 2008 (Installer)*15 • Utilities: VAIO Control Center 2.1, VAIO Camera Capture Utility 2.7, Setting Utility Series 3.1, Infineon TPM Professional Package 3.0 (Installer), ArcSoft Magic-i™ Visual Effects 1.0, Protector Suite QL 5.6 • Support: VAIO Recovery Center, VAIO Update 3.0, VAIO Data Restore Tool 1.0
Supplied Accessories		• AC Adaptor (VGP-AC19V26) • Lithium-ion battery (VGP-BPS10)*16 • Memory Card Adaptor (VGP-MCA20A) • Windows® XP Professional Install Disc
Warranty		One year*17

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 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. *8 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. *9 including cards that can be inserted in direct slots and the supplied memory card adaptor (VGP-MCA20A). *10 As for the Memory Stick PRO media, only Sony branded media is recommended to use with the memory card adaptor (VGP-MCA20A). *11 The copyright protection and high-speed data transfer features of the SD Memory Card are not supported (VGP-MCA20A). *12 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 *13 Though the software is not pre-installed, the official license is registered. It can be downloaded free of charge. *14 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. *15 Free use of 90 days. Further update will be charged. *16 This product may only function with a genuine Sony battery designed for this model. *17 Warranty conditions may vary by region.

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<OS Downgrade to Windows® XP>
Note that you cannot use the following features and software that you could use on Windows Vista® after downgrading to Windows® XP: Plug and Display feature, Instant Mode (on models with Instant Mode only), VAIO HDD Protection (on models with a hard disk drive only), Sony original audio and visual software, Non-Sony software (e.g. Norton Internet Security™, InterVideo WinDVD, etc.), VAIO Recovery Tool. Refer to the Windows® Professional Install Disc User Guide for further details.

VGN-SZ79GN/C

1. DC-IN connector
2. Microphone jack
3. Headphone jack
4. i.LINK™ (IEEE 1394) S400 connector
5. Monitor connector (Analogue RGB, mini D-SUB 15-pin)
6. PC Card slot (Type I/II x 1)
7. PC Card eject button
8. Memory Stick Duo slot
9. Built-in MOTION EYE camera
10. Built-in microphone (monaural)
11. Fingerprint sensor
12. Shortcut buttons
13. Performance selector switch
14. Wireless switch
15. Power button
16. Optical disc drive
17. Manual eject hole
18. Disc eject button
19. ExpressCard™/34 slot
20. Hi-speed USB (USB 2.0) connectors
21. Network (Ethernet) connector
22. Modem connector

Optional Accessories for VGN-SZ79GN/C (availability depends on region)

VGP-PRSZ1
Docking Station
● Monitor connector
● Network connector
● USB 2.0 connector (x3)

VGP-CKSZ1
Carrying Case
● Integrated "VAIO Smart Protection™" for PC cushion
● Solid design matching VAIO SZ

VGP-BMS33
Black (B), Gold (N), Silver (S), White (W) Bluetooth® Laser Mouse
● Smart wireless mouse for mobile use
● Highly accurate laser sensor
● Innovative PTFE sole for precise operation
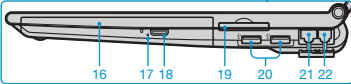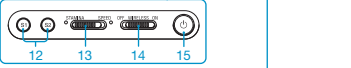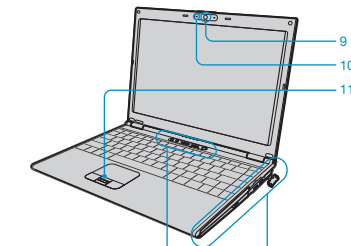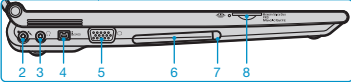● Sensor resolution: 800 dots per inch

VGP-BPL9
Lithium-ion Battery (L)
● Rechargeable battery
● Up to 10 hours of use*12

VGP-CP15
Carrying Pouch
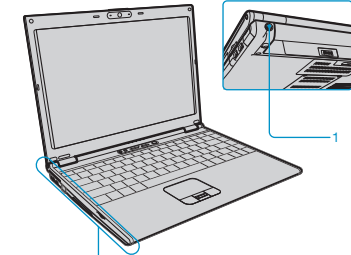● Embossed VAIO logo
● Handy mini-pouch
● Opens smoothly and quietly

VGP-UMS55
Silver (S), Black (B) USB Laser Mouse
● Ergonomic design naturally fits your hand
● Highly accurate laser sensor

vaio-online.sony.com

VAIO
no more bounds

like.no.other

Premier mobility meets executive excellence

VGN-SZ79GN/C

VAIO SZ79GN/C is a synergy of outstanding features integrating advanced technology like innovative Intel® Centrino® Processor Technology (incorporating the newest accelerated Intel® Core™2 Duo Processor), Sony's unique graphics technology, carbon display cabinet, and enhanced security. Mobile performance has rarely been so refined. 13.3" wide Clear Bright LCD (white LED) and full-pitched, full-sized keyboard increase ease and efficiency with plenty of space to work and play. Set in Carbon Black colour and enhanced by the dark, subdued shade of the matching palm rest, sophisticated design details create a style suited for any occasion. Look inside and out, and you'll see why VAIO SZ79GN/C is Sony's flagship mobile notebook: a trim 13.3" wide size — not too small or big — to meet business needs and other interests in a variety of environments.

■ Ultra-slim display   ■ MOTION EYE camera centred on a thin LCD bezel   ■ Built-in Fingerprint Sensor   ■ Black VAIO hairline logo

Mobile advancement in a 13.3" wide size

VAIO SZ79GN/C'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. The latest operating system, Windows Vista® Business, comes preinstalled and Windows® XP Professional Installer is also provided for the sake of those who use Windows® XP at work. Cutting-edge Intel® Centrino® Processor Technology ensures extremely smooth and powerful mobile performance incorporating the newest accelerated Intel® Core™2 Duo Processor T9300 (2.50GHz), leading Mobile Intel® GM965 Express Chipset supported by FSB 800MHz, and Intel® Wireless WiFi Link 4965AGN Network Connection. Moreover, performance is further enhanced by an ample 2GB of DDR2 (667MHz). Sony's unique Hybrid Graphic System offers a choice of external NVIDIA® GeForce® 8400M GS GPU or internal graphics accelerator. Use SPEED MODE for 3D games, video playing or editing, and STAMINA MODE for various mobile scenes.

STAMINA   SPEED

Windows Vista Business

Mobile-conscious profile

VAIO SZ79GN/C's ultra-slim display is simply amazing. This extraordinary thinness comes from the white LED, one of the latest display technologies used in the VAIO SZ79GN/C LCD backlight. Combined with carbon fibre used in the display cabinet, the display thins down to a mere 5.1mm. Maintaining a weight-conscious profile for trim portability, VAIO SZ79GN/C carries the built-in MOTION EYE camera centred on the upper LCD bezel. Pairing white LED technology and carbon material is how VAIO SZ79GN/C stays slim and light.

Security for assured mobility

VAIO SZ79GN/C has many security features to prevent unauthorised access and ensure your mobile PC lifestyle. Hard Disk Password protects sensitive HDD data for one level of security and Fingerprint recognition allows easy logging in. Further data protection for your VAIO SZ79GN/C comes from secure encryption and decryption of files and folders via the Trusted Platform Module (TPM) security chip and bundled software utility.

Mobile endurance

For powerful mobile performance, long-lasting stamina is essential. VAIO SZ79GN/C offers up to 7 hours* with standard battery VGP-BPS10, and up to 10 hours* with optional battery VGP-BPL9. Fast and smooth mobility comes from VAIO SZ79GN/C's compatibility with wireless LAN standards IEEE 802.11a, IEEE 802.11b, IEEE 802.11g and IEEE 802.11 Draft n (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-BPS10 and approximately 2.0 hours shorter for VGP-BPL9.

Communication advantages + AV

VAIO SZ79GN/C 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 SZ79GN/C also features versatile audiovisual capabilities. Sony's 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 SZ79GN/C'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 Adaptor. Communicate, create, and listen with VAIO SZ79GN/C!

Recommended headset

Sony Ericsson HBH-PV705*

Powerful Software for creative minds.

▣ VIDEO & PHOTOS

Click to Disc / Click to Disc Editor
Create video/photo DVDs with menus in one click. Use photos and footage you've edited with Click to Disc Editor.

VAIO Movie Story
Automatically produce high-quality home movies with a professional feel in three simple steps.

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.

VAIO Content Exporter
Simply and smoothly export a wide range of AV files, including video footage and photos you've enjoyed creating yourself.

Roxio Easy Media Creator / Win DVD for VAIO /Picasa™

♪ MUSIC

VAIO MusicBox
Intelligent software that automatically plays music from your collection that fits your mood, activity or time of day.

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™ 2008
Highly effective monitoring for viruses and spyware helps keep computing secure.****

VAIO Recovery Center / VAIO Data Restore Tool

✚ Main features

Light & Robust: Carbon Display Cabinet	Beautiful viewing: Clear Bright LCD (White LED)	Built-in Camera: MOTION EYE	Light for its size: 1.75kg	Network freedom: Wireless LAN 802.11a/b/g/Draft n & Bluetooth®	Handy presentation: Plug & Display	Instant ID recognition: Fingerprint Sensor
Assured security: TPM Security Chip / Hard Disk Password	Comfortable typing: Full-pitched Keyboard	Direct Media Access: Memory Stick Duo Slot	Broad media capability: Memory Card Adaptor	High quality sound: Sound Reality Audio Chip		

✚ Basic specifications

Intel® Core™2 Duo Processor T9300 (2.50GHz)	Genuine Windows Vista® Business	13.3" WXGA display 1280 x 800	NVIDIA® GeForce® 8400M GS GPU	DVD±RW/±R DL/RAM Drive	Memory 2GB	Hard Disk Drive 250GB

* 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.

intel Centrino inside™

Core™2 Duo inside™