

SONY



Intel® Centrino® Processor Technology

VAIO CR

VGN-CR34GN/B



Shine with VAIO

like.no.other

VAIO
no more bounds

Specifications

Model	VGN-CR34GN/B
Processor Technology	Intel® Centrino® Processor Technology • Intel® Core™2 Duo Processor T5270 (1.40GHz) 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	2MB
Main Memory	Pre-installed / Max 1GB DDR2 SDRAM*3 (upgradeable up to 4GB*4)
Memory SO-DIMM slots	2 SO-DIMM slots (The pre-installed memory module uses two)
Hard Disk Drive	160GB*5 (Serial ATA, 5400rpm)
Drive	DVD±RW/±R DL/RAM Drive
Optical Drive	Maximum Reading Speed DVD+R: 8x (Single Layer), 6x (Double Layer) / DVD-R: 8x (Single Layer), 6x (Dual Layer) / DVD-RW: 6x / DVD-RM: 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: 24x
Graphics Accelerator	Mobile Intel® Graphics Media Accelerator X3100
Display	14.1" Wide (WXGA: 1280 x 800) TFT Colour display (Clear Bright LCD Lite)
USB	High Speed USB 2.0 x 3
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
S-Video In/Out Connector	Output x 1
Interface	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 (SDHC compatible, MMC compatible) DC IN x 1
Wireless Connection	Wireless LAN Integrated Wireless LAN IEEE 802.11a/b/g/Draft n*8 • Intel® Wireless WiFi Link 4965AGN • Data rate: maximum 11Mbps (802.11b), 54Mbps (802.11a/g), 300Mbps (Draft 802.11n)*9 • Frequency: 5GHz (802.11a/Draft n), 2.4GHz (802.11b/g/Draft n) Bluetooth Bluetooth standard Ver. 2.0 + EDR
Compatible Memory Cards	• Memory Stick (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible, High-speed data transfer compatible) • SD Memory Card (SDHC compatible) • Multi Media Card
PC Card Slot	ExpressCard™/34 x 1
Fingerprint Sensor	x 1
Camera	Effective Pixels: 1280 x 1024
Audio	• Intel® High Definition Audio compatible • 3D audio (Direct Sound 3D support) • Built-in stereo speakers • Built-in monaural microphone
Keyboard / Input Device	• Approx. 18mm key pitch / 2mm keystroke • 82 keys • Intelligent Touchpad
Battery Life*10	Bundled Battery VGP-BPS9/S Lithium-ion battery: up to 4.5 hours of use Optional Long Battery VGP-BPL9 Lithium-ion battery: up to 8 hours of use
Dimensions (W x H x D)	335.1 x 21 - 38.3 x 249mm
Weight	2.5kg (including the supplied battery)
Included Software	• AV Entertainment: Instant Mode, 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*11, 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 • 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*12 • Tool: Roxio Easy Media Creator 9.1, Adobe® Reader® 8, Norton Internet Security™ 2008 (Installer)*13 • Utilities: VAIO Control Center 2.1, VAIO Camera Capture Utility 2.7, Setting Utility Series 3.1, VAIO Launcher 1.1, ArcSoft Magic™ 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-BPS9/S)*14
Warranty	One year*15

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 copyright protection of the SD memory card is not supported. *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 Though the software is not pre-installed, the official license is registered. It can be downloaded free of charge. *12 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. *13 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. Free use of 90 days. Further update will be charged. *14 This product may only function with a genuine Sony battery designed for this model. *15 Warranty conditions may vary by region.
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Optional Accessories for VGN-CR34GN/B (availability depends on region)

VGP-BPL9 Lithium-ion Battery (L)

- Rechargeable Battery
- Up to 8 hours of use*10



VGP-AC19V26 AC Adaptor

- Universal voltage compatible: AC100 - 240V



VGP-UMS20 Silver(S), Black(B), Pink(P), Blue(L), Red(R), Gold(N) USB Optical Mouse

- Innovative PTFE sole for precise operation
- Sensor resolution: 800dots per inch
- Cable length: 80cm



VGP-CKC2 White(W), Black(B), Pink(P), Blue(L), Red(R), Gold(N) Carrying Case

- New VAIO Smart Protection™
- Upgraded shock resistance
- Coloured to complement VAIO CR



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

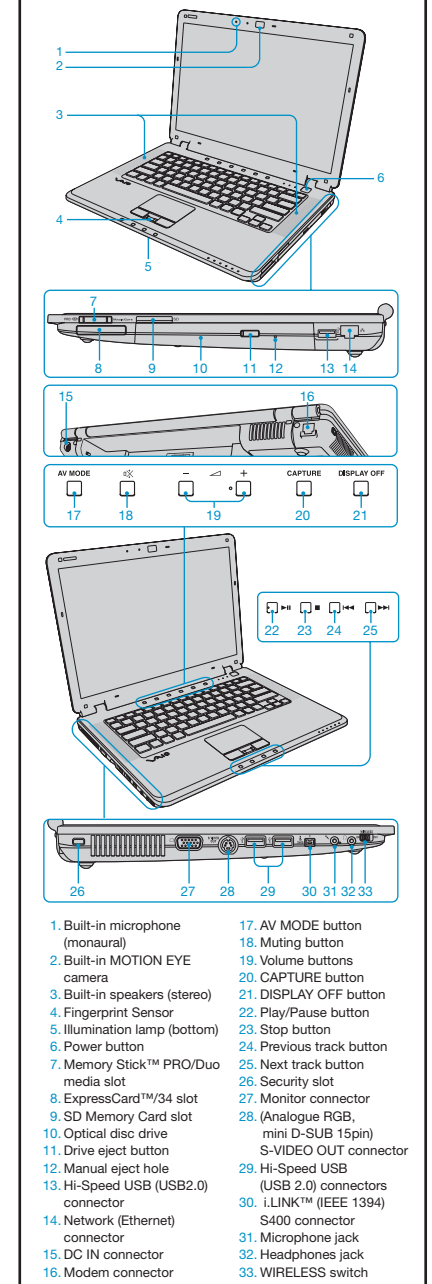


VGP-CP13 Carrying Pouch

- Slim and lightweight pouch sized for VAIO CR
- Handy zip fastener and stylish VAIO Logo
- Polyurethane for scratch and dust protection



VGN-CR34GN/B



- Built-in microphone (monaural)
- Built-in MOTION EYE camera
- Built-in speakers (stereo)
- Fingerprint Sensor
- Illumination lamp (bottom)
- Power button
- Memory Stick™ PRO/Duo media slot
- ExpressCard™/34 slot
- SD Memory Card slot
- Optical disc drive
- Drive eject button
- Manual eject hole
- Hi-Speed USB (USB 2.0) connector
- Network (Ethernet) connector
- AV MODE button
- Muting button
- Volume buttons
- CAPTURE button
- DISPLAY OFF button
- Play/Pause button
- Stop button
- Previous track button
- Next track button
- Security slot
- Monitor connector
- Analogue RGB, mini D-SUB 15pin) S-VIDEO OUT connector
- Hi-Speed USB (USB 2.0) connectors
- i.LINK™ (IEEE 1394) connector
- S400 connector
- Microphone jack
- Headphones jack
- WIRELESS switch

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MAKE BUSINESS A PLEASURE

Whether you're working hard or taking a break, the stylish VAIO CR34GN/B is a partner you'll appreciate. Responsive performance heightens your computing enjoyment, while AV Buttons enhance the convenience of audio and video entertainment. From matte surface to luminous trim and luminous LED, the attractive design complements your active lifestyle — at home, in the office and during after-hour entertainment. Rarely has a notebook combined such visual appeal with such total practicality. Even business becomes a pleasure with the user-friendly VAIO CR34GN/B.



Motion Eye Camera



Distinctive Keyboard



Luminous Trim



Luminous LED



Aroma Black Surface

AROMA BLACK VGN-CR34GN/B

SURE STYLING

Exude sophistication with the Aroma Black VAIO CR34GN/B. Its fine matte finish is highly refined and harmonises well with both business and leisure environments. Compact dimensions accommodate a big 14.1" screen, making it the perfect main machine for business on the go. Silver metallic trim warmly reflects your surroundings and supports appealing AV Buttons. A front-mounted luminous LED blinks, pulsates or glows with personality depending on the operational mode. The mouse and case are handsomely coordinated*1, a built-in fingerprint sensor allows smooth login, and the distinctive keyboard gives a positive impression of professionalism. VAIO CR34GN/B is more than a notebook: it's a solid business partner.



Fingerprint Sensor



Main features

Beautiful viewing: Clear Bright LCD Lite	Fine matte finish: Aroma Black Surface	Ample mobility: 2.5kg	Battery stamina: Up to 4.5 hours	Network freedom: Wireless LAN 802.11 a/b/g/Draft n & Bluetooth®	Built-in 1.3 megapixel camera: MOTION EYE	Instant ID recognition Fingerprint Sensor
Simple entertainment access: AV Buttons	Soothing sound quality: Box Speakers	Connect to TV: S-Video Out Connector	Direct media access: Memory Stick Slot/ SD Memory Card Slot	Handy presentation: Plug & Display		

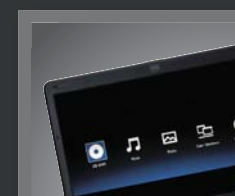
SWIFT PERFORMANCE

The responsive VAIO CR34GN/B is ideal for both business and leisure. Its leading-edge Intel® Centrino® Processor Technology delivers outstanding performance via Intel® Core™2 Duo Processor T5270 (1.40GHz) and advanced Mobile Intel® GM965 Express Chipset. The latest Windows Vista® Business operating system ensures intuitive operation, while the convenient Mobile Intel® Graphics Media Accelerator X3100 heightens your viewing pleasure. Other stellar features that enhance your computing comfort include 1GB of memory, an 160GB HDD, a Memory Stick "combo" slot, an SD Memory Card slot, and Plug & Display for comfortable business presentations.



GRATIFYING COMMUNICATION

During work breaks and private time, Instant Mode lets you enjoy the latest music, photo, and movie entertainment without booting the operating system. Just press the AV Mode Button, insert your DVD or CD, and use convenient AV Buttons to navigate and play. After booting the operating system, you can hold a video conference or shoot still images at an impressive 1.3 megapixels with a press of the Camera Capture button. You can even share DVD viewing fun with friends and family by connecting with a large-screen TV via S-Video Connector. Unleash the pleasure of AV entertainment with VAIO CR34GN/B.



Instant Mode

Basic specifications

Intel® Core™2 Duo Processor T5270 (1.40GHz)	Genuine Windows Vista® Business	14.1" WXGA display 1280 x 800	Mobile Intel® Graphics Media Accelerator X3100
DVD±RW/±R DL/ RAM Drive	Memory 1GB	Hard Disk Drive 160GB	

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 audio² 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.*3

Norton Internet Security™ 2008

Highly effective monitoring for viruses and spyware helps keep computing secure.*4

VAIO Recovery Center / VAIO Data Restore Tool

*1 USB optical mouse and carrying case are optionally available depending on region.
*2 Roland EDIROL AUDIO capture UA-25™ or UA-101™ USB audio interface device required.
*3 Internet connection required for use.
*4 Free use of 90 days. Further update will be charged.
*5 Availability depends on region.
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