

Sony recommends Windows Vista™ Home Premium.

Specifications

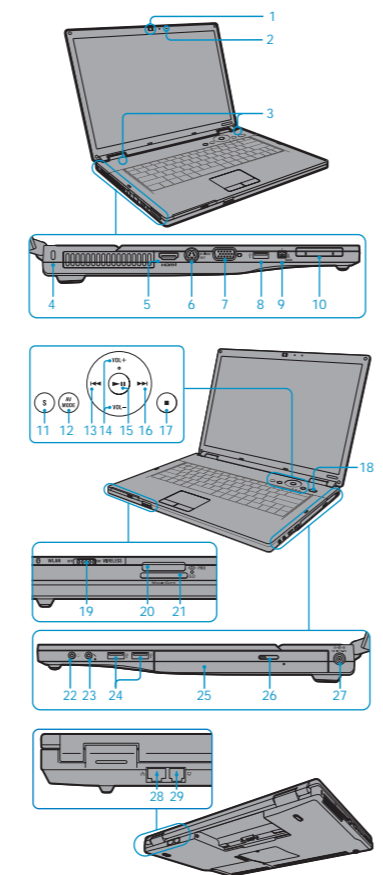
Model	VGN-FZ18G
Processor Technology	Intel® Centrino® Duo Processor Technology • Intel® Core™2 Duo Processor T7500 (2.20GHz)1*2 • Intel® PRO/Wireless 3945ABG Network Connection • Mobile Intel® PM965 Express Chipset
OS	Genuine Windows Vista™ Home Premium (English version) with Traditional Chinese Language Pack
Chipset	Mobile Intel® PM965 Express Chipset
Processor System Bus	800MHz
Memory Bus	667MHz
Cache Memory	4MB Advanced Smart Cache
Main Memory	Pre-installed / Max 1GB*3 (upgradeable up to 2GB)
Memory SO-DIMM slots	2 SO-DIMM slots (The pre-installed memory module uses one)
Hard Disk Drive	160GB (HDD recovery storage max: 8GB*4, C: Remain) Serial ATA, 5400rpm
Optical Disc Drive	Drive Blu-ray Disc™ Drive*5 Maximum Reading Speed BD-ROM: 2x / BD-R: 2x (Single Layer), 1.6x (Dual Layer) / DVD-R: 8x (Single Layer), 6x (Double Layer) / DVD-R: 8x (Single Layer), 6x (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 BD-R: 2x (Single Layer), 1x (Dual Layer) / BD-RE: 2x (Single Layer), 1x (Dual Layer) / DVD+R: 8x (Single Layer), 2.4x (Double Layer) / DVD-R: 8x (Single Layer), 2x (Dual Layer) / DVD+RW: 4x / DVD-RW: 4x / DVD-RAM: 5x / CD-R: 8x / CD-RW: 8x
Graphics Accelerator	NVIDIA® GeForce® 8400M GT notebook graphics processing unit (GPU)
Total Available Graphics Memory (Max)*6	511MB
Display	15.4" Wide (WXGA: 1280 x 800) TFT Colour display (Clear Bright High Colour LCD 90)
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*7
Headphone	stereo mini jack x 1
Microphone	stereo mini jack x 1
HDMI Connector	Output 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)*8
SD Memory Card Slot	SD Memory Card*9 (SDHC compatible, MMC compatible)
DC IN	x 1
Wireless LAN	• Integrated Wireless LAN IEEE 802.11a/b/g*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 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 x1
Camera	• Effective Pixels: 640 x 480 • Image Device: 1/6" VGA CMOS sensor • 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 / 2mm keystroke • 82 keys • Intelligent Touchpad
Battery	Bundled Battery VGP-BPS8 Lithium-ion battery: up to 2.5 hours of use Life*12 Optional Long Battery VGP-BPL8 Lithium-ion battery: up to 4 hours of use
Dimensions (W x H x D)	355.8 x 24.9 - 34.5 x 254.4mm
Weight	2.7kg (including the supplied battery)
Included Software	• AV Entertainment: Windows® Media Center, Image Converter 3 • Video Edit/Playback: VAIO Video & Photo Suite 1.1, Adobe® Premiere® Elements 3.0, VAIO Edit Components 6.2, WinDVD BD for VAIO 8.0 • DVD Creation: Click to DVD BD 3.0*13 • Music: SonicStage CP 4.3, SonicStage Mastering Studio 2.3, SonicStage Mastering Studio Audio Filter 2.3, DSD Direct Player 1.0 • 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, Adobe® Reader® 8, Norton Internet Security™ 2007*14 • Utilities: VAIO Control Center 2.0, VAIO AV Mode Launcher 1.0, VAIO Camera Utility 2.0, VAIO Camera Capture Utility 2.2 • Support: VAIO Recovery Utility, VAIO Update 3.0, VAIO Hardware Diagnostics 3.3
Supplied Accessories	• AC Adaptor (VGP-AC19V24)*15 • Lithium-ion battery (VGP-BPS8)*16
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, 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 This product does not support BD-RE 1.0 discs and Blu-ray cartridge discs. *6 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. *7 Does not support playback copyright protected contents recorded on Blu-ray Disc™. *8 Compatibility confirmed with Sony branded "Memory Stick" media only. *9 The copyright protection and high-speed data transfer features of the SD memory card are not supported. *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 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 When a BDMV format disc is to be created, a hard disk margin of two times the capacity of the material other than the actual space necessary for itself, plus approximately 1GB is required. *14 Free use of 90 days. Further update will be charged. *15 AC adaptor should be connected while the CPU is having a heavy workload, such as Blu-ray Disc™ playback, or playback may not be displayed properly because of the power saving feature. *16 This product may only function with a genuine Sony battery designed for this model. *17 Warranty conditions may vary by region.
Important notice when playing back Blu-ray Discs
 [Supporting Disc] • Supports writing data to BD-R 1.1 discs (single-layer discs with the capacity of 25GB, dual-layer discs with the capacity of 50GB) and BD-RE 2.1 discs (single-layer discs with the capacity of 25GB, dual-layer discs with the capacity of 50GB). The Blu-ray drive on your computer does not support BD-RE 1.0 discs and Blu-ray cartridge discs.
 [Blu-ray Disc™ Playback] • As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray Disc™ playback VAIO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates. • Requires compatible high definition display for high definition playback. Playback of AACs protected media may require an HDCP compliant output and HDCP compliant display. • You may need to connect to the Internet when playing copyright protected Blu-ray Discs. • Region settings are required for Movies and BD-ROM contents. If the region setting and the region of the disc do not match, playback is not possible.
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Optional Accessories for VGN-FZ18G (availability depends on region)

<p>VGP-BPL8 Lithium-ion Battery (L)</p> <ul style="list-style-type: none"> ● Rechargeable Battery ● Up to 4 hours of use*10 	<p>VGP-SP100 2.1ch Amplified Speakers</p> <ul style="list-style-type: none"> ● Unparalleled multimedia experience ● Easy connectivity via USB 2.0 ● 1.2W Subwoofer plus bass balance 
<p>VGP-CP12 Carrying Pouch</p> <ul style="list-style-type: none"> ● Slim, lightweight pouch sized for VAIO FZ ● Handy zip fastener and stylish VAIO Logo ● Polyurethane for scratch and dust protection 	<p>VGP-MBC20 Black (B), Gray (H) Carrying Bag</p> <ul style="list-style-type: none"> ● Smart protection with style ● Luxurious, abundant space ● Retractable handle for portable ease 

VGN-FZ18G



- 1 Built-in MOTION EYE camera
- 2 Built-in microphone (monaural)
- 3 Built-in speakers (stereo)
- 4 Security slot
- 5 HDMI connector
- 6 S VIDEO OUT connector
- 7 Monitor connector (Analogue RGB, mini D-sub 15pin)
- 8 Hi-Speed USB (USB 2.0) connector
- 9 i.LINK™ (IEEE 1394) S400 connector
- 10 ExpressCard™/34 slot
- 11 S button
- 12 AV MODE button
- 13 Previous track button
- 14 VOL-/VOL+ buttons
- 15 Play/Pause button
- 16 Next track button
- 17 Stop button
- 18 Power button
- 19 WIRELESS switch
- 20 Memory Stick™ PRO/Duo media slot
- 21 SD memory card slot
- 22 Headphones jack
- 23 Microphone jack
- 24 Hi-Speed USB (USB 2.0) connectors
- 25 Optical disc drive
- 26 Drive eject button
- 27 DC IN connector
- 28 Network (Ethernet) connector
- 29 Modem connector

SONY



Intel® Centrino® Duo Processor Technology

VAIO FZ

VGN-FZ18G



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