

# SONY

## Press Release



VGN-Z27GN/X

**Hong Kong, December 1, 2008** – Sony Corporation of Hong Kong Limited today introduced the latest notebook PC with Blu-ray Disc™ drive to its flagship VAIO Z – VGN-Z27GN/X. Combining the highest design values and ultra mobility in a premium yet robust body, the new VAIO Z is poised to meet the needs of discerning executives and frequent travellers.

### **Highly versatile**

The Blu-ray Disc™ drive on the VGN-Z27GN/X allows for enjoying, creating and storing high-definition content anytime, anywhere. Users can enjoy Blu-ray Disc™ movies in HD resolution with stunning clarity while on the road or utilize the HDMI output during meetings to make presentations with extremely high image quality.

For the new VAIO Z, both the VGN-Z27GN/X and VGN-Z26GN/B incorporate a vivid 13.1-inch Clear Tough LCD (Rich Colour) display, which is ideal for both desktop and mobile computing. The super-slim display delivers 1600 x 900 pixels (WXGA++) resolution at a 16:9 aspect ratio, making it easy to view multiple documents or lengthy spreadsheet on a single screen. The display exceeds the NTSC colour gamut over 100% (u'v' axis) with outstanding brightness and rich colours. The LCD is covered by a hard coating for scratching-resistant durability.

### **Sophisticated design for ultimate mobility**

The integration of key Sony technologies has enabled VAIO to create a personal computer well suited to life on road. Weighing 1.53kg and 1.48kg respectively, the VGN-Z27GN/X and VGN-Z26GN/B utilize a 12-layer high density mounting board in an ultra compact yet robust footprint.

The VAIO Z further enhances its durability with the lightweight and rigid carbon fibre body, together with the one-piece aluminium construction. The VGN-Z27GN/X takes the highly acclaimed design of VAIO to the next level thanks to the new premium look.

The centre of the unique silver hinge, which gives the machine its distinctive cylindrical form, comprises part of the battery and houses the power switch. As befits its executive-class design, VAIO Z has a full-size 'isolated' keyboard for fast, precise and whisper-quiet input. The keyboard panel and palm rest are formed a single aluminium sheet – slightly rounded and beveled in front and at the back for a beautiful flowing effect.

The VAIO Z incorporates a convenient fingerprint sensor for speedy logins and TPM (Trusted Platform Module) security chip for security, which is especially important for frequent travellers.

### **Powerful configuration**

The high performance VAIO Z fulfills the demanding needs of busy executives thanks to its top-notch specifications. Both models feature the Intel® Centrino® 2 Processor Technology for smooth, stress-free operation. Sony's Dynamic Hybrid Graphics System offers advanced graphics capability for multimedia applications. Pre-installed software includes VAIO presentation support – a business-class tool that adds a new level of flexibility to presentations.

The VGN-Z27GN/X is equipped with 4GB DDR3 SDRAM and a 320GB hard disk drive while the VGN-Z26GN/B comes with 3GB DDR3 SDRAM and a 320GB hard disk drive. Both models are installed with Microsoft Windows Vista® Business (English version) with Service Pack 1 (Traditional Chinese and Simplified Chinese Language Pack).

The VGN-Z27GN/X and VGN-Z26GN/B are now available at the suggested retail prices of HK\$21,980 and HK\$15,980 respectively.

closer to you.

The evolution continues. VAIO now becomes your indispensable partner, integrating closely with all aspects of your lifestyle. From the sheer pleasure of opening the package and seeing the improved quality and design, to stress-free support and superlative customer service, you will fully appreciate the polished intelligence that is the hallmark of new VAIO. In essence, a wonderfully moving experience that brings VAIO closer to you.

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**Key specifications of the VGN-Z27GN/X and VGN-Z26GN/B are as below:**

<b>Model</b>	<b>VGN-Z27GN/X</b>	<b>VGN-Z26GN/B</b>
Processor Technology	Intel® Centrino® 2 Processor Technology	
	Intel® Core™ 2 Duo Processor P9500 (2.53 GHz) <sup>**1*2</sup>	Intel® Core™ 2 Duo Processor P8600 (2.40 GHz) <sup>**1*2</sup>
	Intel® WiFi Link 5100 Mobile Intel® GM45 Express Chipset	
Operating System	Genuine Windows Vista® Business (English Version) with Service Pack 1 (Traditional Chinese and Simplified Chinese Language Pack)	
Processor System Bus	1066MHz	
Memory Bus	1066MHz	
Cache Memory	6MB	3MB
Main Memory	4GB DDR3 SDRAM <sup>*3</sup> (max <sup>*4</sup> ) 2 SO-DIMM slots (The pre-installed memory module uses two)	3GB DDR3 SDRAM <sup>*3</sup> (Upgradeable up to 4GB <sup>*4</sup> ) 2 SO-DIMM slots (The pre-installed memory module uses two)
Hard Disk Drive	320GB <sup>*5</sup> (Serial ATA, 7200rpm)	
Optical Disc Drive	<p><b>Blu-ray Disc™ Drive:</b>  <u>Maximum Reading Speed</u>                      BD-ROM, BD-R, BD-RE, BD-R DL,                      BD-RE DL: 2x / DVD+R, DVD-R: 8x /                      DVD+R DL, DVD-R DL, DVD+RW,                      DVD-RW: 6x / DVD-ROM: 8x /                      DVD-RAM: 5x /                      CD-ROM, CD-R, CD-RW: 24x  <u>Maximum Writing Speed</u>                      BD-R, BD-RE: 2x /                      BD-R DL, BD-RE DL: 1x /                      DVD+R, DVD-R: 8x /                      DVD+RW, DVD-RW: 4x /                      DVD-RAM: 5x /                      CD-R: 16x / CD-RW: 10x</p>	<p><b>DVD±RW/±R DL/RAM Drive</b>  <u>Maximum Reading Speed</u>                      DVD+R, DVD-R, DVD+R DL,                      DVD-R DL: 8x /                      DVD+RW, DVD-RW, DVD-ROM: 8x /                      DVD-RAM: 5x /                      CD-ROM, CD-R, CD-RW: 24x  <u>Maximum Writing Speed</u>                      DVD+R, DVD-R, DVD+RW: 8x /                      DVD+R DL, DVD-R DL: 4x /                      DVD-RW: 6x / DVD-RAM: 5x /                      CD-R: 24x / CD-RW: 16x</p>
Graphics Accelerator	NVIDIA® GeForce® 9300M GS notebook graphics processing unit (SPEED MODE) / Mobile Intel® Graphics Media Accelerator 4500MHD (STAMINA MODE)	
Dedicated Video Memory	256 MB (SPEED MODE)	
Display	13.1" wide (WXGA++: 1600 x 900) TFT colour display (Clear Tough LCD [Rich Colour])	
Interfaces	High Speed USB 2.0 x 2 • i.LINK (IEEE 1394) S400 (4pin) • Network (RJ-45)	

	Connector (10Base-T/100Base-TX/1000Base-T) • Headphone Jack (stereo mini) • Microphone Jack (stereo mini) • Monitor Connector (Analogue RGB, mini D-sub 15 pin) • HDMI Output Connector • Memory Stick slot (Standard/Duo Size, MagicGate, Memory Stick PRO and High-speed data transfer compatible) <sup>*6</sup> and SD Memory Card slot (SDHC and MMC compatible) <sup>*7</sup> • DC IN • Docking Station Connector	
Wireless LAN	Integrated Wireless LAN IEEE 802.11a/b/g/Draft n <sup>*8</sup> Max. data rate: 11Mbps(802.11b) / 54 Mbps(802.11a/g) / 300Mbps (Draft 802.11n) <sup>*9</sup> Frequency: 5GHz (802.11a/Draft n), 2.4GHz (802.11b/g/Draft n)	
Bluetooth®	Bluetooth® standard Ver. 2.1+EDR	
Compatible Memory Cards	Memory Stick (Standard/Duo Size, MagicGate, Memory Stick PRO and High-speed data transfer compatible) • SD Memory Card (SDHC compatible) • Multi Media Card	
Modem	V.92 and V.90 Compliant	
PC Card Slot	ExpressCard™/34 x1	
Fingerprint Sensor	Yes	
Security Chip	TCG Ver.1.2 compliant Trusted Platform Module (TPM)	
Camera	Effective pixels: 640 x 480	
Audio	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 / 2.5mm keystroke • 82keys • Intelligent Touchpad	
Battery Life <sup>*10</sup>	Bundled battery: VGP-BPS12 Lithium-ion battery: up to 5 hours of use Optional long battery: VGP-BPL12 Lithium-ion battery: up to 7.5 hours of use	
Dimensions (WxHxD)	314 x 24.5-33.0 x 210mm	
Weight	1.53kg (including the supplied battery)	1.48kg (including the supplied battery)
Included Software	<p><b>Video Edit/Playback:</b> VAIO Movie Story 1.3, Adobe® Premiere® Elements® 4, VAIO Edit Components 6.4, WinDVD BD for VAIO 8.0</p> <p><b>BD/DVD Creation:</b> Click to Disc 1.2<sup>*11</sup>, Click to Disc Editor 1.2<sup>*11</sup></p> <p><b>Music:</b> VAIO MusicBox 2.1, SonicStage Mastering Studio 2.6</p> <p><b>Still Image/Photo:</b> Picture Motion Browser 3.2, Windows® Photo Gallery, Adobe® Photoshop® Elements® 6 (Installer)</p> <p><b>Home Network:</b> VAIO Media plus 1.1</p> <p><b>Word Processor/Spreadsheet:</b> 60-day Trial Version of Microsoft® Office Professional 2007<sup>*12</sup></p> <p><b>Tool:</b> Roxio Easy Media Creator 10.1, Adobe® Reader® 9, McAfee PC SecurityCenter 90-day Free Trial<sup>*13</sup></p> <p><b>Utilities:</b> VAIO Control Center 3.1, VAIO Presentation Support 1.0, Infineon TPM Professional Package 3.0 (Installer), Protector Suite QL 5.6, WebCam Companion 2, Magic-i™ Visual Effects</p> <p><b>Support:</b> VAIO Recovery Center 1.4, VAIO Update 4.0, VAIO Data Restore Tool 1.0</p>	
Supplied Accessories	AC Adaptor (VGP-AC19V26) • Lithium-ion battery (VGP-BPS12) <sup>*14</sup>	

	· Windows® XP Professional Install Disc
Local Warranty and VAIO Overseas Service	One year

*Features and specifications are subject to change without notice.*

**Remarks:**

- \*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, measurement method (a)). Actual battery life may vary with different operating conditions and settings. For further details, please visit <http://www.sony-asia.com/support/vaio/jeita>
- \*11 For the VGN-Z27GN/X, “Click to Disc” and “Click to Disc Editor” require a maximum of 50GB HDD capacity in addition to the space required for source content.
- \*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. 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.
- \*13 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.

### <<Important notice when playing back HD contents>>

#### [Supporting Blu-ray Disc]

- The Blu-ray Disc™ Drive does not support BD-RE 1.0 discs and Blu-ray cartridge discs.

#### [Blu-ray Disc Playback]

- 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.

#### [AVCHD Playback]

- Depending on system environment, you may find sound interruptions and/or dropped frames during AVCHD playback.
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- Whilst information given is true at time of printing, small production changes in the course of our company's policy of improvement through research and design might not necessarily be included in the specifications. E&OE. Actual models may differ slightly in appearance to illustrations provided.

### <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. InterVideo WinDVD, etc.)
- VAIO Recovery Tool

Refer to the Windows® Professional Install Disc User Guide for further details.