

## Press Release



VGN-Z17GN/B

**Hong Kong, July 24, 2008** – In a move aimed at meeting the demands of executives searching for the ultimate in mobile computing, Sony Corporation of Hong Kong Limited announced today its new flagship VAIO Z personal computers. Designed and manufactured in Japan, the two new models – VGN-Z17GN/B and VGN-Z16GN/B – represent Sony's commitment to providing uncompromising notebooks that combine excellent portability and superlative performance in a premium design.

### **Ultra portability and power**

The successful integration of key Sony technologies has enabled VAIO to create a personal computer well suited to life on the road. Weighing in at a mere 1.48 kg, VAIO Z utilises a new 12-layer high-density mounting board that delivers powerful performance and results in a stylishly compact yet robust footprint. Compared to previous models, the dimensions are 10% smaller thanks to the board, making VAIO Z ideal for both desktop computing and mobile use. VAIO Z also includes a long-lasting battery for extended work sessions.

### **Executive design**

To better fit business environments, VAIO Z comes in a matte black finish and boasts a light yet durable carbon fibre body. The centre of the unique silver hinge, which gives the machine its distinctive cylindrical look, comprises part of the battery and houses the recessed power switch.

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## **Built to last**

The tough carbon fibre body, rigorously tested for durability, protects against physical shock, and the LCD has a hard coating to reduce scratches. Additionally, the one-piece, aluminium construction contributes to the overall robustness of the machine.

## **Fast, versatile performance**

VAIO Z comfortably fulfils the varied needs of busy professionals in terms of performance and versatility. Intel® Centrino®2 Processor Technology speeds work and ensures smooth, stress-free operation, while advanced graphics capability is provided by Sony's highly acclaimed Dynamic Hybrid Graphics System. Comprised of two graphics processors – NVIDIA® GeForce® 9300M GS GPU for full graphics acceleration and Mobile Intel® Graphics Media Accelerator 4500MHD for mobile situations – the system lets users manually choose either SPEED or STAMINA mode. The setting is changed via a conveniently located switch above the keyboard and does not require rebooting.

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 from a single aluminium sheet – slightly rounded and bevelled at the front and back for a beautiful flowing effect.

## **Superior display**

Key to the trim profile of VAIO Z is the 13.1-inch Clear Tough LCD [Rich Colour] display, which is ideal for both desktop and mobile computing. The super-slim display has a 16:9 aspect ratio at 1600 x 900 pixels (WXGA<sup>++</sup>) – perfectly matching HD quality. This makes for a larger desktop than standard size displays, offering users added room for opening documents or multiple Explorer windows. Exhibiting outstanding brightness and rich colour characteristics, the display exceeds the NTSC colour gamut by up to 100% (u' v' axis) and is easily viewed even outdoors.

## **Multiple configurations**

The VGN-17GN/B features 4GB DDR3 SRAM and a 320GB hard disk drive; the VGN-16GN/B comes with 2GB DDR3 SRAM and a 250 GB hard disk drive. Both models have Microsoft Windows Vista® Business pre-installed.

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## **Productivity and peace of mind**

Answering the particular needs of executive power users, VAIO Z is equipped with a convenient fingerprint sensor for speedy logins and TPM (Trusted Platform Module) security chip for enhanced security. Additionally, in order to create a more satisfying user experience, Sony has reduced the decibel level, especially in the frequency ranges that people find unpleasant. Pre-installed software includes VAIO Presentation Support – a business-class productivity tool that adds a new level of flexibility to business presentations.

## **Versatile connectivity**

VAIO Z is outfitted with IEEE802.11a/b/g/Draft n wireless LAN for sure connections throughout a broad range of mobile environments. Other interfaces include an HDMI port for connecting to HDTVs, two USB 2.0 ports, slots for Memory Sticks as well as SD memory cards and an external monitor connector.

## **Order now**

Preordering for the VGN-Z17GN/B and VGN-Z16GN/B runs from August 13 to August 31, 2008 at all Sony Style stores, Sony Style Web site ([www.sonystyle.com.hk](http://www.sonystyle.com.hk)) and Sony 24-hour tele-sales hotline at 2389-3202. Customers placing orders will receive a VAIO Bluetooth mouse VGP-BMS33/B for free (worth HK\$600). The VGN-Z17GN/B and VGN-Z16GN/B are available at the suggested retail prices of HK\$19,980 and HK\$15,980 respectively.

## **closer to you.**

The evolution continues. Moving beyond the bounds of productivity and entertainment, 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-Z17GN/B and VGN-Z16GN/B are as below:

Model	VGN-Z17GN/B	VGN-Z16GN/B
Processor	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>
Chipset	Mobile Intel® GM45 Express Chipset	
Operating System	Genuine Windows Vista® Business (English Version) with Service Pack 1 (Traditional 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)	2GB DDR3 SDRAM <sup>*3</sup> (Upgradeable up to 4GB <sup>*4</sup> ) 2 SO-DIMM slots (The pre-installed memory module uses one)
Hard Disk Drive	320GB <sup>*5</sup> (Serial ATA, 5400rpm)	250GB <sup>*5</sup> (Serial ATA, 5400rpm)
Optical Disc Drive	DVD±RW/±R DL/RAM Drive Maximum reading speed: DVD+R, DVD+R DL, DVD-R, DVD-R DL, DVD+RW, DVD-RW, DVD-ROM: 8x DVD-RAM: 5x CD-R, CD-ROM, CD-RW: 24x Maximum writing speed: DVD+R, DVD-R, DVD+RW: 8x DVD-RW: 6x DVD-RAM: 5x DVD+R DL, DVD-R DL: 4x CD-R: 24x CD-RW: 16x	
Graphics Accelerator	NVIDIA® GeForce® 9300M GS Notebook Graphics Processing Unit (SPEED MODE)/ Mobile Intel® Graphics Media Accelerator 4500MHD (STAMINA MODE)	
Dedicated Video Memory	256MB (SPEED MODE)	
Display	13.1" wide (WXGA <sup>++</sup> :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) • Display Output Connector (Analogue RGB, mini D-sub 15pin) • HDMI Output Connector • Memory Stick slot(Standard/Duo Size compatible, MagicGate, Memory Stick PRO, High-speed data transfer compatible) <sup>*6</sup> • SD Memory Card slot <sup>*7</sup> (SDHC, MMC) • Docking Station Connector • DC IN	

Wireless LAN	Integrated Wireless LAN IEEE 802.11a/b/g/Draft n <sup>8</sup> Intel <sup>®</sup> WiFi Link 5100 <ul style="list-style-type: none"> <li>Maximum Data rate: 11Mbps (802.11b)/54Mbps (802.11a/g) 300Mbps (Draft 802.11n)<sup>9</sup></li> <li>Frequency: 5 GHz (802.11a/Draft n), 2.4 GHz (802.11b/g/Draft n)</li> </ul>
Bluetooth <sup>®</sup>	Bluetooth <sup>®</sup> standard version 2.0+EDR
Compatible Memory Cards	Memory Stick (Standard/Duo Size, MagicGate, Memory Stick PRO , High-speed data transfer compatible) · SD Memory Card (SDHC compatible) · Multi Media Card
Modem	V.92 and V.90 Compliant
Security Chip	TCG Ver1.2 compliant Trusted Platform Module (TPM)
Fingerprint Sensor	Built-in Fingerprint Sensor
PC Card Slots	ExpressCard <sup>™</sup> /34 x1
Camera	Effective Pixels: 640x480
Audio	Intel <sup>®</sup> High Definition Audio compatible · 3D audio (Direct Sound 3D support) <ul style="list-style-type: none"> <li>Built-in stereo speakers</li> <li>Built-in monaural microphone</li> </ul>
Keyboard/ Input Device	Approx. 19mm key pitch / 2.5mm keystroke · 82 Keys · Intelligent Touchpad
Battery Life <sup>*10</sup>	<u>Bundled Battery:</u> VGP-BPS12 Lithium-ion battery: up to 5.5 hours of use <u>Optional Long Battery:</u> VGP-BPL12 Lithium-ion battery: up to 8.5 hours of use
Dimensions (W x H x D)	314mm x 24.5-33.0mm x 210mm
Weight	1.48 kg (including the supplied battery)
Included Software	Video Edit/Playback: VAIO Movie Story 1.2, Adobe <sup>®</sup> Premiere <sup>®</sup> Elements <sup>®</sup> 4, VAIO Edit Components 6.4, WinDVD for VAIO 8.0 DVD Creation: Click to Disc 1.1, Click to Disc Editor 1.1 Music: VAIO MusicBox 2.0, SonicStage Mastering Studio 2.5, SonicStage Mastering Studio Audio Filter 2.5 Still Image/Photo: Windows <sup>®</sup> Photo Gallery, Picasa <sup>™</sup> , Adobe <sup>®</sup> Photoshop <sup>®</sup> Elements <sup>®</sup> 6(Installer) Home Network: VAIO Media plus 1.0 Word Processor/Spreadsheet: 60-Day Trial Version of Microsoft <sup>®</sup> Office Professional 2007 <sup>*11</sup> Tool: Roxio Easy Media Creator 10.0, Adobe <sup>®</sup> Reader <sup>®</sup> 8, McAfee Internet Security Suite 8.1 <sup>*12</sup> Utilities: VAIO Control Center 3.0, VAIO Presentation Support 1.0, Infineon TPM Professional Package 3.0 (Installer), Protector Suite QL 5.6, WebCam Companion 2, Magic-i <sup>™</sup> Visual Effects Support: VAIO Recovery Center 1.4, VAIO Update 3.1, VAIO Data Restore Tool 1.0
Supplied Accessories	AC Adaptor(VGP-AC19V26) · Lithium-ion battery(VGP-BPS12) <sup>*13</sup> · Windows <sup>®</sup> XP Professional Install Disc
Local Warranty	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.
  - \*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.
  - \*5 GB means one billion bytes when referring to hard disk drive capacity. Accessible capacity may vary. A portion of hard disk drive space is reserved as 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 distances 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 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 operation.
  - \*12 Free use of 90 days. Further update will be charged.
  - \*13 This product may only function with a genuine Sony battery designed for this model.
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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. InterVideo WinDVD, etc.)
- VAIO Recovery Tool

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