

# SONY

## Press Release



VGN-TT27GD/X

**Hong Kong, April 7, 2009** - Sony today introduced the latest addition to the VAIO TT, which is the world's smallest and lightest notebook PC with Blu-ray Disc Drive\*. This highly mobile premium-quality notebook PC series combines the best in computing technologies and unique style for the optimum quality. The VAIO TT incorporates cutting-edge AV entertainment features, remarkable power-saving functions and supreme mobility, providing users with the perfect traveling companion. \*Based on Sony research as of October 2008.

### **Unsurpassed AV enjoyment**

VAIO TT provides excellent AV enjoyment on the go. The 11.1-inch Clear Tough LCD [Rich Colour] screen (1366 x 768) with Real Wide 16:9 aspect ratio offers a superior viewing experience. Its 8-bit colour and 100% coverage of the NTSC colour gamut (u'v' measurement) delivers exceptional spectrum purity and 100 % colour fidelity for superbly lifelike colour. The VGN-TT27GD incorporates a built-in Blu-ray Disc Drive that can also record, store and play back HD content on high-capacity Blu-ray discs in full HD 1080p resolution. A noise cancelling feature combines with a Sound Reality chip and bundled noise cancelling headphones to enable the user to indulge in high-quality audio enjoyment. Hardware buttons for Mute, Volume, and user-configurable S1 are added to further enhance the listening experience.

### **Perfect style**

Featuring a highly compact yet stylish body, the VAIO TT is specially designed for the executives who appreciate the importance of sophistication and style. Its beautifully contoured, highly integrated body features an isolated keyboard and a single unified keyboard panel that extends from palm rest to hinge. The cylindrical design of the battery compartment and hinge further contributes to the beauty.

The VAIO TT offers a range of colour variations to suit individual tastes. The VGN-TT27GD/X combines a sculpted and refined look with durable and scratch-resistant carbon fibre construction in premium Carbon Black while the VGN-TT26GN/B,N,R,W offers a choice of four colour options, including Burgundy Red, Grace Gold, Fresh White and Silky Black. Customers can choose optional colour-matching accessories for their VAIO TT such as the slim Bluetooth® mouse, lightweight carrying cases and optional docking station.

### **Supreme mobility**

To allow for ultimate mobility, VAIO TT offers high battery stamina of up to 6 hours with minimal power consumption. The VAIO TT utilizes the intelligent battery management technology featuring quick charge and battery care functions, which enables super-fast charging and ensures conditioning for the best battery life over time. Data security on the road is important, and the VAIO TT provides a set of protection ensuring complete peace of mind including VAIO hard disk protection, fingerprint biometrics and Trusted™ Platform Module (TPM). Integrated wireless LAN 802.11a/b/g/Draft n and Bluetooth® are included for wireless connection.

### **Versatile performance**

The new VAIO TT offers enhanced power with the Intel® Centrino® 2 Processor Technology, Windows Vista® Business, high-speed 800MHz DDR3 memory in two SO-DIMM modules (4GB on VGN-TT27GD and 3GB on VGN-TT26GN), and an advanced 250GB large-capacity HDD memory. Both models are upgraded by installing the Intel® Core™2 Duo Processor SU9600 (1.60 GHz) while the VGN-TT27GD/X comes with the Vista® Business 64-bit for more powerful performance. To make the best use of the Blu-ray disc drive, the VGN-TT27GD comes with a HDMI output to enable HD playback on connected monitors or compatible HDTV for business presentations and entertainment.

The VGN-TT27GD/X and VGN-TT26GN/B,N,R,W 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-TT27GD/X and VGN-TT26GN/B,N,R,W are as below:**

<b>Model</b>	<b>VGN-TT27GD/X</b>	<b>VGN-TT26GN/B,N,R,W</b>
Processor Technology	Intel® Centrino®2 Processor Technology Intel® Core™2 Duo Processor SU9600 (1.60 GHz) <sup>*1*2</sup> Intel® WiFi Link 5100 Mobile Intel® GS45 Express Chipset	
Operating System	Genuine Windows Vista® Business 64-bit (English Version) with Service Pack 1 (Traditional Chinese, Simplified Chinese, Arabic and Thai Language Pack)	Genuine Windows Vista® Business 32-bit (English Version) with Service Pack 1 (Traditional Chinese, Simplified Chinese, Arabic and Thai Language Pack, and Vietnamese Language Interface Pack)
Processor System Bus	800MHz	
Memory Bus	800MHz	
Cache Memory	3MB	
Main Memory	4GB DDR3 SDRAM <sup>*3</sup> (max)	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	250GB <sup>*5</sup> (Serial ATA, 5400rpm)	
Optical Disc Drive	<p><b>Blu-ray Disc™ Drive:</b>  <u>Maximum Reading Speed</u>                      BD-ROM, BD-R, BD-R DL, BD-RE, BD-RE DL: 2x /                      DVD+R, DVD-R, DVD-ROM: 8x /                      DVD+R DL, DVD-R DL, DVD+RW, DVD-RW: 6x / 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+RW, DVD-RW, DVD-ROM: 8x /                      DVD+R DL, DVD-R DL: 6x / 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	Mobile Intel® Graphics Media Accelerator 4500MHD	
Display	11.1" wide (WXGA: 1366 x 768) 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 15 pin) • HDMI Output Connector (for VGN-TT27GD/X only) • 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	
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	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. 17mm key pitch/1.7mm keystroke · 82keys · Intelligent Touchpad	
Battery Life <sup>*10</sup>	Bundled battery: VGP-BPS14/B Lithium-ion battery: up to 6.5 hours of use	Bundled battery: VGP-BPS14/B or /S Lithium-ion battery: up to 6.5 hours of use
	Optional long battery: VGP-BPL14 Lithium-ion battery: up to 9.5 hours of use	
Dimensions (W x H x D)	279 x 23.5 x 199.8mm	
Weight	1.29kg (including the supplied battery)	1.31kg (including the supplied battery)
Included Software	<b>Video Edit/Playback:</b> VAIO Movie Story, Adobe® Premiere® Elements® 7, VAIO Edit Components, WinDVD BD for VAIO (VGN-TT27GD/X); WinDVD for VAIO (VGN-TT26GN/B,N,R,W) <b>BD/DVD Creation:</b> Click to Disc <sup>*11</sup> , Click to Disc Editor <sup>*11</sup> <b>Music:</b> VAIO MusicBox, SonicStage Mastering Studio <b>Still Image/Photo:</b> PMB (Picture Motion Browser), Windows® Photo Gallery, Adobe® Photoshop® Elements® 7 <b>Home Network:</b> VAIO Media plus <b>Word Processor/Spreadsheet:</b> 60-day Trial Version of Microsoft® Office Professional 2007 <sup>*12</sup> <b>Tool:</b> Roxio Easy Media Creator, Adobe® Reader® 9, McAfee PC SecurityCenter 90-day Free Trial <sup>*13</sup> <b>Utilities:</b> VAIO Control Center, VAIO Presentation Support, Infineon TPM Professional Package (Installer), Protector Suite QL, WebCam Companion, Magic-i™ Visual Effects <b>Support:</b> VAIO Recovery Center, VAIO Update, VAIO Data Restore Tool	
Supplied Accessories	Lithium-ion battery (VGP-BPS14/B) <sup>*14</sup>	Lithium-ion battery (VGP-BPS14/B or /S) <sup>*14</sup>
	AC Adaptor (VGP-AC16V14), Noise cancelling headphones (MDR-NC021LP/BM), Windows® XP Professional Install Disc	
Local Warranty and International Repair 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 3 GB 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 Depending on disc type, “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.

#### <Restriction on OS Downgrade to Windows® XP>

Note that certain features and software of the followings are unusable after downgrading from Windows Vista® to Windows® XP (applies to the VAIO models equipped):

- Blu-ray Disc™ read/write function (excluding CD/DVD read and write functions)
- VAIO HDD Protection
- SSD RAID function
- Sony original audio and visual software
- Non-Sony software (e.g. InterVideo WinDVD, etc.)
- Instant Mode
- Plug and Display function
- Zoom function by Fn+F9/F10
- VAIO Recovery Tool
- Dynamic Hybrid Graphic system (need to reboot for changing the speed /stamina mode)
- Noise cancelling function
- Ambient light sensor function
- Quick Charge function

- HDMI function
- No manual available on how to use Windows® XP

Addition to the listed above, other features and software may not be used.

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