

# SONY

## Press Release



VGN-TT17GN/X

**Hong Kong, October 27, 2008** - Sony Corporation of Hong Kong Limited today introduced the world's smallest and lightest notebook PC with Blu-ray Disc™ Drive\*, VAIO TT. This highly mobile premium-quality notebook PC series, designed for business and personal use, is elegantly styled to attract customers who look for the optimum quality. It features supreme image and sound quality for leading-edge mobile AV entertainment and VAIO Energy Save Technology for excellent performance as well as low power consumption. \*Based on Sony research as of October 2008.

### Supreme AV enjoyment

VAIO TT provides exceptional audio and visual performance. An integral Blu-ray Disc™ Drive on the VGN-TT17GN enables HD mobile entertainment and high-capacity data recording while the VGN-TT16GN features a DVD drive for movie viewing and recording. The 11.1-inch Clear Tough LCD [Rich Colour] with Real Wide 16:9 aspect ratio, 8-bit colour and 100% coverage of the NTSC colour gamut (u'v' measurement) delivers vibrant image reproduction. A noise cancelling feature — the first in a notebook PC\* — combines with a Sound Reality chip and bundled noise cancelling headphones to deliver high-quality audio performance. Hardware buttons for Mute, Volume, and user-configurable S1 further enhance audio enjoyment through user-friendly one-touch operation.

\*Based on Sony research as of October 2008.

### Graceful design

The attractive VAIO TT is compact, lightweight (only 1.3kg) and highly robust, thanks to its carbon fibre chassis. 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, with glowing power button, further contributes to an appealing visual harmony. Rich colour variations are available to suit individual tastes. These include prestigious

Premium Carbon that fully satisfies privileged decision makers, stylish and professional Silky Black for business executives, fresh and elegant Grace Gold for trendsetters, and Burgundy Red for bold entrepreneurs.

### **Enriched mobility**

Designed for ultimate mobile freedom, VAIO TT consumes minimal power and offers high battery stamina of up to 6 hours. The VAIO TT incorporates an Ultra Low Voltage Intel® Core™2 Duo Processor (1.40GHz) and VAIO Energy Save Technology, including an ambient light sensor, quick battery charging, and a Battery Care Function that lengthens battery life. The security needs of mobile business computing are solidly met by a fingerprint sensor, HDD protection, and TPM security chip.

### **Perfectly matched accessories**

Optional colour-matching accessories are available for each VAIO TT colour variation. These include a slim Bluetooth® mouse and lightweight carrying cases that perfectly match the beautiful VAIO TT finish. An optional docking station allows for enhanced usability.

### **Superior mobile performance**

Despite consuming minimal energy, VAIO TT delivers abundant power via Intel® Centrino® 2 Processor Technology, Windows Vista® Business, high-speed 800MHz DDR3 memory in two SO-DIMM modules (4GB on VGN-TT17GN and 2GB on VGN-TT16GN), and an advanced 160GB large-capacity HDD memory. For the wireless connectivity, integrated wireless LAN 802.11a/b/g/Draft n and Bluetooth® are equipped. Furthermore, the VGN-TT17GN comes with a HDMI output to enable HD playback on connected monitors for business presentations and personal use.

The VGN-TT17GN/X and VGN-TT16GN/B/R are available at the suggested retail prices of HK\$21,980 and HK\$15,980 respectively.

### **Order now**

Pre-ordering for the VGN-TT17GN/X and VGN-TT16GN/B/R runs from November 7 to 16, 2008 at all Sony Style stores, Sony Style website ([www.sonystyle.com.hk](http://www.sonystyle.com.hk)) and Sony 24-hour tele-sales hotline at 2345-2966. Customers who place orders of the VGN-TT17GN/X during the pre-ordering period will receive a VAIO Bluetooth® mouse VGP-BMS77 (valued at HK\$688) for free. Customers who order the VGN-TT16GN/B/R will receive a VAIO Bluetooth® mouse VGP-BMS33/B worth HK\$548.

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.

**Key specifications of the VGN-TT17GN/X and VGN-TT16GN/B/N/R are as below:**

| <b>Model</b>         | <b>VGN-TT17GN/X</b>   | <b>VGN-TT16GN/B/N/R</b>   |
|----------------------|---|---|
| Processor Technology | Intel® Centrino®2 Processor Technology<br>Intel® Core™2 Duo Processor SU9400 (1.40GHz) <sup>*1*2</sup><br>Intel® WiFi Link 5100<br>Mobile Intel® GS45 Express Chipset   |   |
| Operating System     | Genuine Windows Vista® Business (English Version) with Service Pack 1<br>(Traditional Chinese and Simplified Chinese Language Pack)   |   |
| Processor System Bus | 800MHz  |   |
| Memory Bus           | 800MHz  |   |
| Cache Memory         | 3MB   |   |
| Main Memory          | 4GB DDR3 SDRAM <sup>*3</sup> (max <sup>*4</sup> )<br>2 SO-DIMM slots (The pre-installed<br>memory module uses two)  | 2GB DDR3 SDRAM <sup>*3</sup><br>(Upgradeable up to 4GB <sup>*4</sup> )<br>2 SO-DIMM slots (The pre-installed<br>memory module uses one)   |
| Hard Disk Drive      | 160GB <sup>*5</sup> (Serial ATA, 5400rpm)   |   |
| Optical Disc Drive   | <p><b>Blu-ray Disc™ Drive:</b></p> <p><u>Maximum Reading Speed</u><br/>                     BD-ROM, BD-R, BD-R DL, BD-RE,<br/>                     BD-RE DL: 2x</p> <p>DVD+R, DVD-R, DVD-ROM: 8x<br/>                     DVD+R DL, DVD-R DL, DVD+RW,<br/>                     DVD-RW: 6x / DVD-RAM: 5x<br/>                     CD-ROM, CD-R, CD-RW: 24x</p> <p><u>Maximum Writing Speed</u><br/>                     BD-R, BD-RE: 2x<br/>                     BD-R DL, BD-RE DL: 1x<br/>                     DVD-R, DVD+R: 8x<br/>                     DVD+RW, DVD-RW: 4x<br/>                     DVD-RAM: 5x / CD-R: 16x / CD-RW: 10x</p> | <p><b>DVD±RW/±R DL/RAM Drive</b></p> <p><u>Maximum Reading Speed</u><br/>                     DVD+R, DVD-R, DVD+RW,<br/>                     DVD-RW, DVD-ROM: 8x<br/>                     DVD+R DL, DVD-R DL: 6x<br/>                     DVD-RAM: 5x<br/>                     CD-ROM, CD-R, CD-RW: 24x</p> <p><u>Maximum Writing Speed</u><br/>                     DVD+R, DVD-R, DVD-RW: 8x<br/>                     DVD+R DL, DVD-R DL: 4x<br/>                     DVD-RW: 6x / DVD-RAM: 5x<br/>                     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) · Monitor Connector (Analogue RGB, mini D-sub 15 pin) · HDMI Output Connector (for VGN-TT17GN/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><br>Max. data rate: 11Mbps(802.11b)/54 Mbps(802.11a/g)/300Mbps (Draft 802.11n) <sup>*9</sup><br>Frequency: 5GHz (802.11a/Draft n), 2.4GHz (802.11b/g/Draft n)  |                         |
| Bluetooth <sup>®</sup>      | Bluetooth <sup>®</sup> 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                       | DSD compatible high quality sound chip: "Sound Reality" (Intel <sup>®</sup> 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 hours of use<br>Optional long battery: VGP-BPL14/B Lithium-ion battery: up to 9 hours of use   |                         |
| Dimensions (W x H x D)      | 279 x 23.5 x 199.8mm   |                         |
| Weight                      | 1.3kg (including the supplied battery)   |                         |
| Included Software           | <b>Video Edit/Playback:</b> VAIO Movie Story 1.3, Adobe <sup>®</sup> Premiere <sup>®</sup> Elements <sup>®</sup> 4, VAIO Edit Components 6.4, WinDVD BD for VAIO 8.0 (not for VGN-TT16GN/B/N/R, which uses WinDVD for VAIO 8.0)<br><b>BD/DVD Creation:</b> Click to Disc 1.2 <sup>*11</sup> , Click to Disc Editor 1.2 <sup>*11</sup><br><b>Music:</b> VAIO MusicBox 2.1, SonicStage Mastering Studio 2.6<br><b>Still Image/Photo:</b> Picture Motion Browser 3.2, Windows <sup>®</sup> Photo Gallery, Adobe <sup>®</sup> Photoshop <sup>®</sup> Elements <sup>®</sup> 6 (Installer) |                         |

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|--|--|
|  | <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-AC16V14), Lithium-ion battery (VGP-BPS14/B/S) <sup>*14</sup> , Noise cancelling headphones (MDR-NCO21LP/BM), 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 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 Blu-ray discs>>

#### [Supporting Blu-ray Disc]

- The Blu-ray Disc™ Combo Drive on your computer 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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