

VAIO Personal Computer - VGN-A49GP

Hong Kong, May 18, 2005 - Sony Corporation of Hong Kong Limited today announced the latest model of VAIO Personal Computer - the VGN-A49GP. The machine allows customers to enjoy AV entertainment and performance at their best with its state-of-the-art technologies and highly portable design. It remains lightweight and slim though it is packed with hardware breakthroughs.

Powered by Intel® Pentium® M Processor 770 (2.13GHz) and Enhanced Intel SpeedStep Technology (Intel® 915PM Express Chipset) on top of Intel® PRO/Wireless 2200BG Network Connection (IEEE 802.11b/g), the VGN-A49GP provides efficient power management, extended battery life and high-speed wireless networking for maximum mobile performance.

Designed to impress users, the VGN-A49GP features an extra large 17.0" Wide (WUXGA: 1920 x 1200) Clear Bright LCD for unrivalled large screen entertainment on the road. The supplied Audio Port Replicator transforms the notebook PC into a powerful multimedia entertainment platform at home or in the office. In addition to Sony's unique S-Master digital amplifier, two specially engineered 2-way bass reflex design stereo speakers (57mm cone woofer + 2mm balanced dome tweeter) provide superb sound effects.

The graphics processing capability is boosted by the ATI Technologies Inc. MOBILITY™ RADEON® X600 256MB HyperMemory™ (PCI Express x16 connection) to meet the demands of comprehensive tasks such as 3D graphics, gaming and DVD viewing. The intuitive remote controller with VAIO Zone application software further enhances AV experience with ease.

Thanks to its built-in DVD±RW drive supporting DVD+R DL (Double Layer) disc, users can watch or record up to 8.5GB of content on a single disk as well as capture, edit and burn home video from a digital camcorder. They can also create high quality DVD videos and photo slides with multichannel sound using the Click to DVD application software.

The VGN-A49GP is supplied with Microsoft® Windows® XP Professional with Service Pack 2 (English version) and Multilanguage User Interface (pre-installed Traditional Chinese). Sony's entertainment software is bundled to support a wide variety of digital content for video and music. The supplied SonicStage Mastering Studio Audio Filter software offers four exclusive sound preset modes for enhanced audio enjoyment. Supplied accessories include a Remote Commander, an Audio Port Replicator, two external speakers and a Memory Card Adapter.

no more bounds

VAIO has focused on offering new ways of enjoying the PC ever since its introduction. With its successful establishment as a brand in the fields of computing and personal entertainment, VAIO has entered a new phase

of dynamic transformation. By removing the boundaries between traditional AV and IT products and revealing new possibilities while simplifying the way technology is used, VAIO provides the full benefits of true AV/IT convergence: further enjoyment of entertainment content anywhere, anytime.

Specifications of the VAIO Personal Computer VGN-A49GP are as below:

Model	VGN-A49GP
Platform	Intel® Centrino™ Mobile Technology • Intel® Pentium® M Processor 770 (2.13GHz) *1 • Intel® PRO/Wireless 2200BG Network Connection • Intel® 915PM Express Chipset
Operating System	Microsoft® Windows® XP Professional with Service Pack 2 (English version) Multilanguage User Interface (preinstalled Traditional Chinese)
Processor System Bus	533MHz
Memory Bus	400MHz
Cache Memory	L1 Cache: 64KB L2 Cache: 2MB (on CPU)
Main Memory	1GB DDR2 SDRAM*2 512MB x 2 (upgradeable up to 2GB)*3, 2 SO-DIMM slots (The pre-installed memory module uses two)
Hard Disk	100GB (C: 20GB, D: 80GB*4) Serial ATA, 5400rpm

Optical Drive	<p>DVD±RW Drive (supporting DVD+R Double Layer disc) *5</p> <p>Maximum reading speed: DVD+R, DVD-R, DVD-ROM: 8x DVD+RW, DVD-RW: 6x DVD+R DL (Double Layer): 4x CD-RW, CD-R, CD-ROM: 24x</p> <p>Maximum writing speed: DVD+R, DVD-R: 8x DVD+RW, DVD-RW: 4x DVD+R DL (Double Layer): 2.4x CD-R, CD-RW: 24x</p>
Graphics Accelerator	<p>Dual display compatible • 3D graphics acceleration compatible • ATI Technologies Inc. MOBILITY™ RADEON X600 256MB HyperMemory *6 (PCI Express x16 connection)</p>
Video Memory	<p>256MB*6 (shared with main memory)</p>
Display	<p>17.0" Wide (WUXGA: 1920 x 1200) TFT colour display (Clear Bright LCD: Dual Lamp)</p>
Interfaces	<p>USB 2.0*7 x 3 • i.LINK (IEEE 1394) S400 (4pin) • AV Out connector (NTSC/PAL compatible) • Network (RJ-45) connector (1000BASE-T/100BASE-TX/10BASE-T) • Headphone jack (stereo mini) • Microphone jack (stereo mini) • Monitor connector (VGA, D-SUB 15 pin) • Modular (RJ-11) connector • Port Replicator connector • Memory Stick Slot*8 (Standard/Duo Size compatible, Memory Stick PRO*9 compatible, High-speed data transfer compatible)</p>
Wireless LAN	<p>Integrated Wireless LAN IEEE 802.11b/802.11g *10 • Intel® PRO/Wireless 2200BG Network Connection • Data rate: maximum 11Mbps (802.11b)/54 Mbps (802.11g) *11 • Frequency: 2.4GHz</p>
Modem	<p>V.92 and V.90 Compliant</p>
PC Card Slots	<p>Type I/II x 1, CardBus Support</p>
Audio	<p>Intel® High Definition Audio compatible • 3D audio (Direct Sound 3D support) • Built-in stereo speakers</p>

Keyboard/Input Device	ca 19mm Key pitch / 3mm Key stroke 86 Keys · Intelligent Touchpad
Battery	PCGA-BP2EA *12 Lithium-ion battery: up to 2.0 hours of use *13
Dimensions (W x H x D)	405.5 × 42.2-45.2 × 280.1mm
Weight	3.96kg (including the supplied battery)
Included Software	Adobe Reader 6 · Adobe Photoshop Elements 3.0 (Installer) · Adobe Premiere Standard · WinDVD 5 for VAIO · RecordNow! 7 · Click to DVD 2.4 · DVgate Plus 2.1 · PictureGear Studio 2.0 · SonicStage 3.0 · SonicStage Mastering Studio 1.4 · SonicStage Mastering Studio Audio Filter 1.4 · VAIO Control Center 1.1 · VAIO Edit Components 5.0 · VAIO Media 4.1 · VAIO Original Screen Saver · VAIO Recovery Utility 2.4 · VAIO Update 2.1 · VAIO Zone 1.4 · VAIO Zone Remote Commander 1.3 · Norton Internet Security 2005
Supplied Accessories	AC adapter (PCGA-AC19V7) · Lithium-ion battery (PCGA-BP2EA) · Remote Commander · Audio Port Replicator · Memory Card Adapter*8 *14 · External Speakers
Port Replicator	Audio Port Replicator DC IN connector · USB 2.0 x 4 *7 · Network (RJ-45) connector (100BASE-T/100 BASE-TX/10BASE-T) · Monitor connector (VGA, D-SUB 15 pin) · Printer port (D-SUB 25 pin) · DVI-D connector · Optical Out · Volume Control IN connector · Speaker Out connector · Audio IN connector · Audio Out connector · S-Video Out connector · Video Out connector
External Speakers	S-Master Digital Amplifier maximum operational output 10W + 10W (6Ω) · 2 way bass reflex design stereo speakers (57mm cone woofer + 2mm balanced dome tweeter) maximum input 15W/ch · operational frequency range 65-20kHz · volume control function · Infrared sensor for remote commander
Local Warranty	One year

Features and specifications are subject to change without notice.

*1 CPU speed will be reduced under certain operating conditions.

- *2 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.
- *3 By removing two pre-installed 512 MB memory modules and adding two 1GB memory modules.
- *4 Includes necessary data for recovery (setting back to initial shipment settings) in the hard disk drive consuming approximately 5GB in size.
- *5 This product is designed to playback discs that conform to the Compact Disc Digital Audio standard specifications (CD Standard). A DualDisc is a twosided disc product which mates DVD recorded material on one side with digital audio material on the otherside. Please be aware that the audio side (notDVD side) of a DualDisc may not play on this product because it does not conform to the CD Standard.
- *6 HyperMemory™ is calculated as the cumulative total of local and system memory used by the Visual Processing Unit (VPU) intended for use in the processing and creation of 3D and other images. The amount of HyperMemory™ available is determined by the amount of local graphics memory and installed system memory.
- *7 High-speed/Full-speed/Low speed compatible.
- *8 Does not support MagicGate copyright protection technology. Does not support Memory Stick with capacity of 2GB and over. Compatibility confirmed with Sony branded “Memory Stick” media only.
- *9 MagicGate copyright protection technology cannot be applied to Memory Stick PRO.
- *10 Deploying IEEE 802.11b and IEEE 802.11g products on the same wireless network may reduce the communication speed due to radio interference. Taking this into consideration, the IEEE 802.11g products are designed to reduce the communication speed to ensure communication with IEEE 802.11b products. When the communication speed is not as fast as expected, changing the wireless channel on the access point may increase the communication speed.
- *11 The communication speed varies dependin 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 This product may only function with a genuine Sony battery designed for this model.
- *13 Estimated battery life (under JEITA Battery Run Time Measurement Method (ver.1.0).) When the power mode is on. Actual battery life may vary with different operating conditions and settings.
- *14 The adapter does not support 5.0V SmartMedia media or the ID function of SmartMedia media with IDs. The adapter does not support the SD Memory Card media copyrightrotection function. The adapter does not support memory cards with capacity of 2GB and over. As for “Memory Stick PRO” media, only Sony branded media is recommended to use with the adapter.

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