

VAIO Personal Computer - VGN-A59GP



VGN-A59GP

Hong Kong, September 29, 2005- The latest A-series of VAIO Personal Computer is more than just a personal computer. On top of its outstanding multimedia capabilities for AV enjoyment, the VGN-A59GP offers a host of high performance computing capabilities to rival many desktop computers.

The VGN-A59GP has the core power essential for video and gaming with the Intel® Pentium® M Processor 800 (2.26GHz) and Intel® with PRO/Wireless 2200BG Network Connection Intel® 915PM Express Chipset (IEEE 802.11b/g). The machine ensures everything runs smoothly, especially demanding 3D games, video playback or graphics, thanks to the ATI Technologies Inc. MOBILITY™ RADEON X600 256MB HyperMemory™ and enhanced video memory of 256MB.

The extra large 17.0" Wide (WUXGA: 1920 x 1200) Clear Bright LCD delivers stunning video performance for any kind of multimedia entertainment and users are able to enjoy large screen movies at home, in the office or on the go. Complementing the unrivalled picture quality is the powerful sound effects delivered by Sony's unique S-Master digital amplifier with two specially engineered 2-way bass reflex design stereo speakers (57mm cone woofer + 2mm balanced dome tweeter).

The supplied Audio Port Replicator transforms the notebook PC into a powerful multimedia entertainment platform. The built-in DVD±RW drive supporting DVD+R DL (Double Layer) disc allows users to 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.

Besides Microsoft® Windows® XP Professional with Service Pack 2 (English version) and Multilanguage User Interface (pre-installed Traditional Chinese), a wide range of Sony's entertainment software are bundled to support digital content for video and music. The SonicStage Mastering Studio Audio Filter software offers four exclusive sound preset modes for enhanced audio enjoyment.

The VGN-A59GP is available from mid October at suggested retail price of HK\$26,980.

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.

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Specifications of the VGN-A59GP are as below:

Model	VGN-A59GP
Platform	<p>Intel® Centrino™ Mobile Technology</p> <ul style="list-style-type: none"> • Intel® Pentium® M Processor 780 (2.26GHz)*1 • Intel® PRO/Wireless 2200BG Network Connection • Intel® 915PM Express Chipset
Operating System	<p>Microsoft® Windows® XP Professional with Service Pack 2 (English version) Multilanguage User Interface (pre-installed Traditional Chinese)</p>
Processor System Bus	533MHz
Memory Bus	533MHz
Cache Memory	L1 Cache: 64KB L2 Cache: 2MB (on CPU)
Main Memory	<p>1GB DDR2 SDRAM*2 512MB x 2 (upgradeable up to 2GB)*3, 2 SO-DIMM slots (The pre-installed memory module uses two)</p>
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, DVD+RW: 8x DVD-RW: 6x DVD+R DL (Double Layer): 4x CD-R, CD-RW: 24x</p>

Graphics Accelerator	Dual display compatible • 3D graphics acceleration compatible • ATI Technologies Inc. MOBILITY™ RADEON® X600 256MB HyperMemory™ *6 (PCI Express x16 connection)
Video Memory	256MB*6 (shared with main memory)
Display	17.0" Wide (WUXGA: 1920 x 1200) TFT colour display (Clear Bright LCD: Dual Lamp Wide View)
Interfaces	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 StickSlot (Standard/Duo Size compatible, Magic Gate compatible, Memory Stick PRO*8 compatible, High-speed data transfer compatible)
Wireless LAN	Integrated Wireless LAN IEEE 802.11b/802.11g • Intel® PRO/Wireless 2200BG Network Connection • Data rate: maximum 1Mbps (802.11b)/54 Mbps (802.11g)*10 • Frequency: 2.4GHz
Modem	V.92 and V.90 Compliant
PC Card Slots	Type I/II x 1, CardBus Support
Audio	Intel® High Definition Audio compatible • 3D audio (Direct Sound 3D support) • Built-in stereo speakers
Keyboard/Input Device	ca 19mm Key pitch / 3mm Key stroke • 86 Keys • Intelligent Touchpad
Battery	PCGA-BP2EA*11 Lithium-ion battery: up to 2.0 hours of use*12
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 7 · Adobe Photoshop Elements 3.0 (Installer) · Adobe Premiere Standard · Click to DVD 2.4 · DVgate Plus 2.1 · Norton Internet Security 2005 · Roxio DigitalMedia SE 7 · PictureGear Studio 2.0 · SonicStage 3.2 · SonicStage Mastering Studio1.4 · 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 2.5 · VAIO Update 2.1 · VAIO Zone 1.4 · VAIO Zone Remote Commander 1.3 · WinDVD 5 for VAIO
Supplied Accessories	AC adapter (PCGA-AC19V7) · Lithium-ion battery (PCGABP2EA) · Remote Commander · Audio Port Replicator · Memory Card Adapter*8 *12 · External Speakers
Port Replicator	Audio Port Replicator DC IN connector · USB 2.0 x 4 *7 · Network (RJ-45) connector (1000BASE-T/100BASE-TX/10BASE-T) · Monitor connector (VGA, BSUB 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 other side. Please be aware that the audio side (not DVD 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 Compatibility confirmed with Sony branded “Memory Stick” media only.

*9 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.

*10 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.

*11 This product may only function with a genuine Sony battery designed for this model.

*12 Estimated battery life (under JEITA Battery Run Time Measurement Method (ver.1.0).) When the power saving mode is on. Actual battery life may vary with different operating conditions and settings.

*13 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 copyright protection function. The adapter does not support memory cards with capacity of 2GB and over. As for “Memory Stick PRO” media, only Sony media is recommended to use with the adapter.

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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.