

VAIO Personal Computer - VGN-AR69GU



VGN-AR69GU

Hong Kong, February 5, 2008 – Sony Corporation of Hong Kong Limited today added a new model to its VAIO Personal Computer AR Series – the VGN-AR69GU. Created to be the ultimate Full HD entertainment notebook PC, the VGN-AR69GU incorporates enhanced specifications for multimedia entertainment.

The flagship VGN-AR69GU boasts best-in-class technologies and features for unrivalled AV excitement. In addition to upgrading the CPU and memory, the powerful VGN-AR69GU comes with wireless IEEE802.11a/b/g/DraftN technology, allowing users to access the Internet, email and home network with greater wireless speed and range than before. The VGN-AR69GU is powered by the latest Intel® Centrino® Processor Technology with Intel® Core™2 Duo Processor T8300 (2.4GHz). It comes loaded with a hard disk drive of up to 500GB, 4GB pre-installed memory and NVIDIA® GeForce® 8600M GT notebook graphics processing unit (GPU), ideal for handling high-definition content, television broadcast, DVD playback and gaming.

The Blu-ray disc drive of the VGN-AR69GU enables users to view and record HD content in perfect picture quality. It can record content captured by high-definition camcorders to Blu-ray Discs. With the VGN-AR69GU, users can shoot, edit and burn their HD creation on a PC – all in native 1080 resolution. It has a High-Definition Multimedia Interface (HDMI) connector for connection to HDTV and a Digital (DVB-T) / Analogue Hybrid TV tuner for enjoyment of HD broadcast. In addition, the VGN-AR69GU features a 17-inch wide Clear Bright High Colour LCD capable of displaying Full HD 1080 images with brilliant colours and stunning clarity. Its VAIO Camera Capture Utility and microphone allow for online chats with friends and family.

The VAIO VGN-AR69GU is also renowned by its luxurious design and cutting-edge style. The glossy magnesium alloy finish used on the top and bottom of the notebook is gorgeous-looking. The Sony illumination logo

SONY

inside adds a touch of elegance.

The VGN-AR69GU will be available from the end of February 2008 at the suggested retail price of HK\$25,980.

no more bounds

VAIO has focused on offering new ways of enjoying the PC ever since its introduction. After 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.

###

Key specifications of the VGN-AR69GU are as below:

Model	VGN-AR69GU
Processor Technology	Intel® Centrino® Processor Technology Intel® Core™2 Duo Processor T8300 (2.40GHz)*1*2 Intel® Wireless WiFi Link 4965AGN Mobile Intel® PM965 Express Chipset
Operating System	Genuine Windows Vista® Ultimate (English Version) with Traditional Chinese Language Pack
Processor System Bus	800MHz
Memory Bus	667MHz
Cache Memory	3MB
Main Memory	4GB DDR2 SDRAM*3 (Max)*4 2 SO-DIMM slots (The pre-installed memory module uses two)
Hard Disk Drive	500GB*5 (250GB x2, Serial ATA, 5400rpm, RAID support*6)
Optical Disc Drive	Blu-ray Disc™ Drive: <u>Maximum reading speed</u> BD-ROM, BD-R, BD-RE: 2x BD-R DL, BD-RE DL: 1.6x 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, DVD-R DL: 2x BD-R DL, BD-RE DL: 1x DVD-R, DVD+R, CD-R, CD-RW: 8x DVD+R DL: 2.4x / DVD-RAM: 5x DVD+RW, DVD-RW: 4x
Graphics Accelerator	NVIDIA® GeForce® 8600M GT notebook graphics processing unit (GPU)
Dedicated Video Memory	512MB
Display	17-inch (WUXGA: 1920 x 1200) TFT Colour display (Clear Bright High Colour LCD)
TV Function	Digital (DVB-T) / Analogue Hybrid Tuner x 1*7
Interfaces	High Speed USB 2.0 x 3 • i.LINK (IEEE 1394) S400 (4pin) • Network (RJ-45) connector (10Base-T/100Base-TX/1000BASE-T) • Headphone jack (stereo mini) •

	<p>Microphone jack (stereo mini) • HDMI Output Connector • AV In Connector • S-Video In/Out Connector*8 • Monitor connector (Analogue RGB, mini D-sub 15pin) • Memory Stick (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible, High-speed data transfer compatible)*9</p> <p>• SD Memory Card*10 (SDHC compatible, MMC compatible) • VHF/UHF connector • Optical Out Connector • Infrared Receiver • DC IN</p>
Wireless LAN	<p>Integrated Wireless LAN IEEE 802.11a/b/g/Draft n*11</p> <p>Intel® Wireless WiFi Link 4965AGN</p> <p>Maximum data rate: 11Mbps (802.11b), 54 Mbps (802.11a/g), 300 Mbps (Draft 802.11n)*12</p> <p>Frequency: 5GHz (802.11a/Draft n), 2.4GHz (802.11b/g/Draft n)</p>
Bluetooth®	Bluetooth® standard version 2.0+EDR
Compatible Memory Cards	<p>Memory Stick (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible, High-speed data transfer compatible)*10</p> <p>• SD Memory Card (SDHC compatible) • Multi Media Card</p>
Modem	V.92 and V.90 Compliant
PC Card Slot	ExpressCard™/54 x1 • Type I/II x1
Camera	Effective Pixels: 1280 x 1024
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. 19mm key pitch / 2.5mm keystroke • 86 Keys • Intelligent Touchpad
Battery*13	<p>Bundled Battery: VGP-BPS9A/B Lithium-ion battery: up to 2 hours of use</p> <p>Optional Long Battery: VGP-BPL9 Lithium-ion battery: up to 3 hours of use</p>
Dimensions (W x H x D)	416 x 33.5 - 41.5 x 299.5 mm
Weight	3.9kg (including the supplied battery)
Included Software	<p>AV Entertainment: Windows® Media Center, Image Converter 3</p> <p>Video Edit/Playback: VAIO Movie Story 1.1, VAIO Content Exporter 1.2, Adobe® Premiere® Elements 4.0, VAIO Edit Components 6.4*14, WinDVD BD for VAIO 8.0</p> <p>DVD Creation: Click to Disc 1.0*15, Click to Disc Editor 1.0</p> <p>Music: VAIO MusicBox 1.1, SonicStage Mastering Studio 2.4, SonicStage Mastering Studio Audio Filter 2.3, DSD Direct Player 1.0</p> <p>Still Image/Photo: Windows® Photo Gallery, Picasa™, Adobe® Photoshop® Elements 6.0 (Installer)</p> <p>Home Network: VAIO Media 6.0</p> <p>Word Processor/Spreadsheet: 60 Days Trial Version of Microsoft® Office Professional 2007*16</p> <p>Tool: Roxio Easy Media Creator 9.1, Adobe® Reader® 8, Norton Internet Security™ 2008 (Installer)*17</p> <p>Utilities: VAIO Control Center 2.1, VAIO Camera Capture Utility 2.7, VAIO</p>

	Launcher 1.1, Setting Utility Series 3.1, ArcSoft Magic-i™ Visual Effects 1.0 Support: VAIO Recovery Center, VAIO Update 3.0, VAIO Data Restore Tool 1.0
Supplied Accessories	AC Adaptor (VGP-AC19V16)*18 • Lithium-ion battery (VGP-BPS9A/B)*19 Remote Commander (RM-MCE20E) • 2 AA Batteries
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 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.
- *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 Set to RAID 0 (Striping) at initial shipment settings. It will be displayed as 500GB x 1 on the Windows operating system.
- *7 There may be some cases in which the programmes cannot be seen depending on the Cable TV Service. Please contact each Cable TV Service for further information.
- *8 Does not support playback copyright protected contents recorded on Blu-ray disc.
- *9 Compatibility confirmed with Sony branded “Memory Stick” media only.
- *10 The copyright protection of the SD memory card is not supported.
- *11 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.
- *12 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.
- *13 Estimated battery life (under JEITA Battery Run Time Measurement Method (ver.1.0).)
Actual battery life may vary with different operating conditions and settings. For further details, please visit vaio-online.sony.com
- *14 Though the software is not pre-installed, the official license is registered. It can be downloaded free of charge.
- *15 When a BDMV format disc is to be created, a hard disk margin of two times the capacity of the material other than the actual space necessary for itself, plus approximately 1GB is required. BD-J discs created by “Click to Disc” or “Click to Disc Editor” are verified for playback on Playstation3 and VAIO with Blu-ray Disc Drive. The system software of Playstation3 and “WinDVD BD for VAIO” may require upgrade to enable playback.
- *16 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.

- *17 Free use of 90 days. Further update will be charged.
- *18 AC adapter should be connected while the CPU is having a heavy workload, such as Blu-ray disc playback, or playback may not be displayed properly because of the power saving feature.
- *19 This product may only function with a genuine Sony battery designed for this model.

<<Important notice when playing back Blu-ray discs>>

[Supporting Disc]

- Supports writing data to BD-R 1.1 discs (single-layer discs with the capacity of 25 GB, dual-layer discs with the capacity of 50 GB) and BD-RE 2.1 discs (single-layer discs with the capacity of 25 GB, dual-layer discs with the capacity of 50 GB). The Blu-ray drive on your computer does not support BD-RE 1.0 discs and Blu-ray cartridge discs.

[Blu-ray Disc Playback]

- As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray disc playback.
 - VAIO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates.
 - 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.
-
- The trademarks, including but not limited to "SONY", "VAIO", "Memory Stick" and "SonicStage" are either trademarks or registered trademarks of Sony Corporation and/or its subsidiaries.
 - Adobe, Adobe Photoshop, Adobe Reader and Adobe Premiere are trademarks of Adobe Systems Incorporated in the United States and/or other countries.
 - Centrino, Centrino Inside, Centrino Logo, Core Inside, Intel, Intel Logo, Intel Core, Intel Inside, Intel Inside Logo, Pentium and Pentium Inside are trademarks of Intel Corporation in the U.S. and other countries.
 - Windows, Windows Vista, the Windows logo and Microsoft are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.
 - All other product and brand names may be trademarks or registered trademarks of their respective owners.
 - 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.