

**SONY**<sup>®</sup>

PCG-V505GP

*The pinnacle of mobility*



VAIO

**VAIO Online:** [vaio-online.sony.com/](http://vaio-online.sony.com/)



How far can you go?

VAIO

Video Audio Integrated Operation

# PCG-V505GP

The world's mobile flagship has it all

The supremely slim and elegant VAIO V505 delivers the leading-edge performance of Mobile Intel® Pentium® 4 Processor-M. Clocked at 2.2GHz, and cooled by Sony's Discrete Cooling System, it will empower you to new heights of creativity and efficiency. VAIO V505 excels at versatility as well, squeezing a Combo Drive, Wireless LAN and much more into its remarkably sleek 1.99kg body. Easy to carry with you wherever you go, the high-performance VAIO V505 is truly the pinnacle of mobility.

## Streamlined elegance

Refined craftsmanship and convenience are clearly apparent in every detail of VAIO V505's slim, stylish body.



## High performance

### Cutting-edge Mobile Intel® Pentium® 4-M

VAIO V505 features a Mobile Intel® Pentium® 4-M CPU optimised for processor-intensive multimedia tasks. With its 2.2GHz clock speed and integrated Intel SpeedStep® technology, it boosts performance while consuming less energy. Moreover, VAIO V505's highly efficient Discrete Cooling System quietly ensures that the CPU always performs at its peak.



### Accelerated architecture

From its very conception, the compact VAIO V505 was designed to deliver accelerated performance. Its 400MHz system bus is triple the speed of conventional systems, while its dual memory slots allow a maximum 1GB\* of DDR266 SDRAM — double the conventional speed and capacity. Speedy frame rates are also ensured by a high-performance ATI MOBILITY™ RADEON™ graphics accelerator.



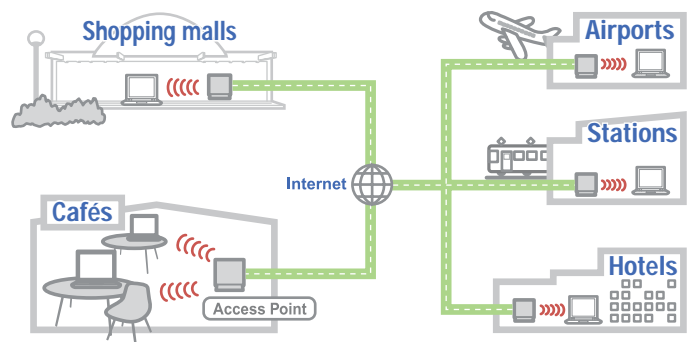
\* By adding another 512MB memory module.



## Refined for mobility

### Easy wireless communications

Wireless LAN Access is built right into VAIO V505, allowing outdoor broadband connection for mobile Net surfing, e-mail, image uploading and more in cafés, restaurants, shopping malls, hotels, airports and stations — wherever LAN Access Points are provided. It's an extraordinary new level of freedom! Moreover, you can set up your own 2.4GHz wireless LAN Access Point at home or your office, enabling your VAIO in the vicinity to share videos, images and music!



### Slim built-in Combo Drive

Slim enough to fit within the compact dimensions of the VAIO V505, the versatile Combo Drive lets you watch DVDs, read CDs (24x), write CD-R discs (8x) and write CD-RW discs (4x) wherever you go — without using a dock. Extremely reliable and efficient, the Combo Drive also features Buffer Under-run Error protection that helps ensure fast, error-free CD recording every time.



### User-friendly controls

The keyboard is designed for serious typing. Its two-tone colour scheme simplifies recognition of individual keys, and all keys are slightly curved to ergonomically fit your fingertips. Flush surfaced and refined, without beveled edges, the newly designed touch pad also contributes to streamlined operation. Both click buttons are curved and the right click button is ribbed for easy tactile recognition.



### Long-lasting batteries

Up to 5 continuous hours of operation are supplied by the standard (48.84Wh) battery — a nearly 30% improvement in capacity. An optional, large-capacity (97.68Wh) battery (PCGA-BP4V) is also available that offers up to 10 hours of operation. Bring it along to keep your VAIO going strong during heavy duty usage.



### Sleek AC adapter

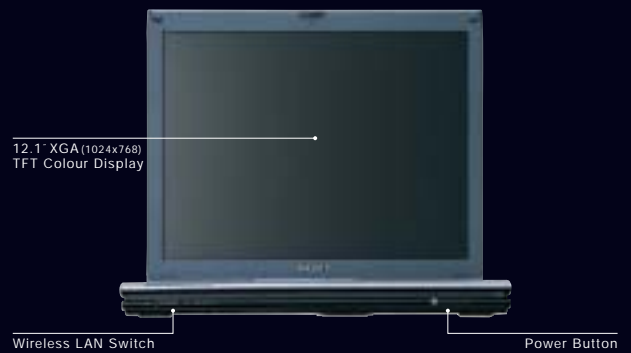
The slim, lightweight design of this compact AC adapter makes it easy to carry wherever you go. Designed by Sony, it features the VAIO brand logo and illuminates at the connector whenever power is being utilised.





## PCG-V505GP

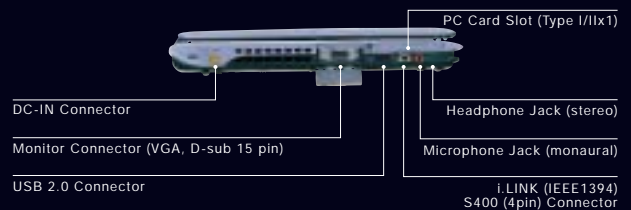
### Front



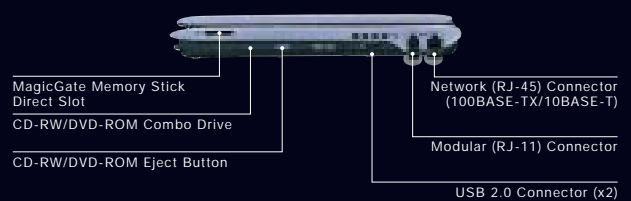
### Top



### Left



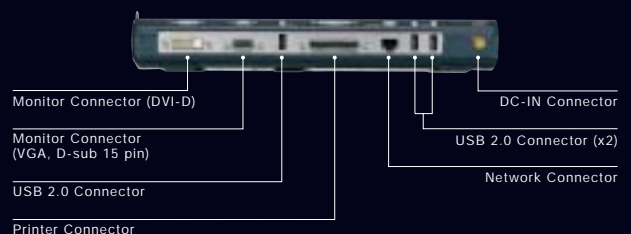
### Right



### Rear



### Optional Port Replicator



## Broad connectivity

### Digital AV solution

VAIO V505's i.LINK connector provides a speedy, direct link between your Digital Handycam\* and VAIO V505's editing capabilities, which let you edit images for photo albums or create CD/MD labels with Sony's DigitalPrint application. Using Sony's SonicStage software, you can also transfer recorded music to a MagicGate Memory Stick for playback on a Memory Stick Walkman\* or CLIE handheld\*. MagicGate technology is copyright protected and makes the process smooth and speedy.



\* Availability depends on region.  
Not all CLIE handhelds support music playback.

### Keeping you connected

VAIO V505 is well equipped to link with your peripherals and allow data to be accessed and shared in all sorts of ways. Enjoy broad connectivity with direct LAN and modular connections, two USB 2.0 ports and an external monitor port that connects with projectors or TVs. Or link with a world of Sony products designed to work in harmony with VAIO V505. Wide-ranging connections accommodate your needs.



### Port Replicator with easy typing angle

When using VAIO V505 at your office or home, the optional Port Replicator lets you quickly connect with peripherals. Simply attach VAIO V505 to connect, or detach it to go mobile. The new user-friendly design maintains a low keyboard angle for easy typing. Expanded connections include a DVI-D port for crystal-clear output to digital monitors, 3 USB 2.0 ports (making a total of 5) and VGA out, LAN, Printer, and DC-IN terminals.



Sony recommends Microsoft® Windows® XP Professional for Mobile Computing.

## Built-in VAIO software gives you the power to create more.

If you can imagine it, you can create it with a VAIO. VAIO V505's software makes professional level image editing and manipulation simple and fun for everyone. Animated movies, music videos, digital photo albums, holiday greeting cards, interactive e-mail — they're all possible with just a few clicks.

### COMMUNICATION

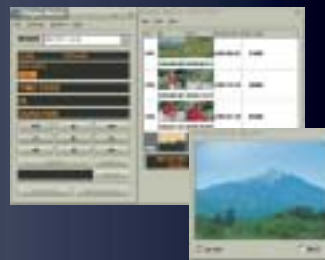
#### Network Smart Capture



Sony's original Network Smart Capture is a handy tool for visual communication. It allows you to capture still and moving images from a Digital Handycam connected via i.LINK cable or optional Visual Communication Camera (PEGA-UVC10). From there, your images can be easily attached to e-mail. Network Smart Capture also features Fixed Point Observation mode, which enables you to take images automatically at intervals with a Web camera. The images can be uploaded in real time to your own Web site.

### MOVIES

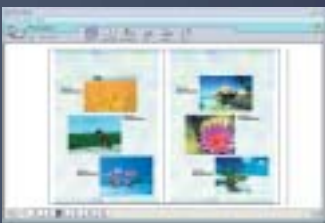
#### DVgate



Connect a Sony Digital Handycam to your VAIO via i.LINK and DVgate software provides an editing suite of three easy to use creative tools. DVgate Motion controls the attached DV device for two-way image transfer. DVgate Assemble finds the in/out points of each shot, lets you snip off the parts you don't need, and edit (assemble) them into a desired sequence. DVgate Still captures still images from a DV camera and even automatically extracts a sequence of stills from a video clip.

### PHOTOS

#### PictureGear Studio



Sony's original PictureGear Studio is a comprehensive image file management, viewing, editing and printing program. You can import digital images from various sources. Dress them up with handwritten notes, drawings and "stamps". Organise them as you like and create photo albums, slideshows, calendars, postcards or labels for CDs and MiniDisks (MDs). Then print out your images or e-mail them to friends. The five-function launcher and user-friendly interface make operation a breeze!

#### Adobe® Photoshop® Elements



Creating and editing your digital images for print or posting on the Web has never been easier with Adobe® Photoshop® Elements. These state-of-the-art image editing tools free you to explore your creativity. With a set of flexible image capture options you can create a totally original look with the photos you have taken with a digital or traditional camera. And with versatile delivery features, you have more choices in what you can do — print, e-mail or post on the Web for all to see.

### MUSIC

#### SonicStage



Personalise your music with Sony's original music software. Download music easily from the Internet, and record/store music freely on your HD for "play" like a jukebox. When you want music "to go", just "check out" tracks onto a Memory Stick for a portable audio device. The Net MD standard support rapid data transfer to MiniDisks. Also create original CDs, and even make MP3 CDs by collecting MP3 files registered as a "play list" to record approximately 15 hours of music in a single CD-R disc.



# Specifications

Model	PCG-V505GP
Microprocessor	Mobile Intel® Pentium® 4 Processor 2.20GHz-M* - Supports Enhanced Intel SpeedStep® Technology
Chipset	Intel® 845MP Chipset
Processor System Bus	400MHz
Cache Memory	L2 Cache: 512KB (on chip)
Main Memory	512MB DDR-SDRAM (upgradeable up to 1GB)**, 2 SO-DIMM slots (one slot is used by a pre-installed 512MB memory module.)
Hard Disk	40GB (C:15GB, D:25GB) Ultra ATA/100
CD-RW/DVD-ROM Drive	Maximum reading speed: CD-ROM, CD-R: 24x DVD-ROM: 8x Maximum writing speed: CD-R: 8x CD-RW: 4x
Graphics Accelerator	Dual display compatible • 3D graphics acceleration compatible • ATI Technologies Inc. MOBILITY™ RADEON™
Video Memory	16MB
Display	12.1" XGA (1024 x 768) TFT colour display
Interfaces	USB 2.0 x 2*** • i.LINK (IEEE1394) S400 (4 pin) • Network (RJ-45) connector (100BASE-TX/10BASE-T) • Headphone jack (stereo) • Microphone jack (monaural) • Monitor connector (VGA, D-sub 15 pin) • Modular (RJ-11) connector • Port Replicator connector • MagicGate Memory Stick Direct Slot (Memory Stick PRO)****
Wireless LAN	Integrated Wireless LAN IEEE 802.11b • Data rate: maximum 11Mbps • Range: 10m - 100m • Frequency: 2.4GHz
Modem	V.90 and V.92 compliant
PC Card Slot	Type I/II x 1, CardBus support
Audio	Windows® sound system compatible • AC97 compliant • Software MIDI sound generator • Stereo speakers
Keyboard/Input Device	ca 18mm Key pitch/ca 2mm Key stroke • 83 Keys • Intelligent Touchpad
Battery	PCGA-BP2V Lithium-ion battery: Up to 2.5 to 5.0 hours of use*****
Dimensions (W x H x D)	277.0 x 33.5 - 35.0 x 242.4mm
Weight	Approx. 1.99 kg (including the supplied battery)
Included Software	<b>Operating System:</b> Microsoft® Windows® XP Professional (English version) Multilanguage User Interface (pre-installed Traditional Chinese) <b>Software Applications:</b> Adobe® Acrobat® Reader 5.1 • Adobe® Photoshop® Elements 2.0 • InterVideo WinDVD™ 4 for VAIO • RealNetworks RealOne Player • Sony DVD Region Setting Utility 1.1 • Sony DVGate 2.6 • Sony Network Smart Capture 1.2 • Sony SonicStage 1.5 for VAIO • Sony PictureGear Studio 1.0 • Symantec Norton AntiVirus 2003
Supplied Accessories	AC adapter (PCGA-AC16V6) • Lithium-ion battery (PCGA-BP2V)
Warranty	One year*****

\* CPU speed will be reduced under certain operating conditions. \*\* By adding another 512MB memory module. \*\*\* High-speed/Full-speed/Low-speed compatible. \*\*\*\* Does not support high speed data transfer with parallel interface. Supports MagicGate copyright protection technology. MagicGate copyright protection technology cannot be applied to Memory Stick PRO. \*\*\*\*\* Estimated battery life. Actual battery life may vary by usage. \*\*\*\*\* Warranty conditions may vary by country or region.

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## Sony recommends Microsoft® Windows® XP Professional for Mobile Computing.

### Optional Accessories

<p><b>PCGA-PRV1</b> Port Replicator</p> <ul style="list-style-type: none"> <li>Diverse connections: Network (RJ-45) connector (100BASE-TX/10BASE-T), Printer port (D-sub 25 pin), Monitor connector (DVI-D), Monitor connector (VGA, D-sub 15 pin), USB 2.0 connector (x3)</li> </ul> 	<p><b>PCGA-UMS5</b> USB Optical Mouse</p> <ul style="list-style-type: none"> <li>Stylish, comfortable form</li> <li>Maintenance-free optical design</li> <li>Sensor resolution: 800 dots per inch</li> </ul> 	<p><b>PCGA-AC16V6</b> AC Adapter</p> <ul style="list-style-type: none"> <li>Universal voltage compatible: AC100 - 240V</li> </ul> 
<p><b>PCGA-UFD5</b> USB Floppy Disk Drive</p> <ul style="list-style-type: none"> <li>Direct connection to USB connector</li> </ul> 	<p><b>PCGA-BP4V</b> Lithium-ion Battery</p> <ul style="list-style-type: none"> <li>Rechargeable battery</li> <li>Capacity: Up to 5.5 to 10 hours of use*</li> </ul> <p>* Estimated battery life. Actual battery life may vary by usage.</p> 	<p><b>PCGA-CP5V</b> Carrying Pouch</p> <ul style="list-style-type: none"> <li>Debossed VAIO logo</li> <li>Comes with Mini Pouch for VAIO accessories</li> </ul> 



Only VAIO. Only Sony. Only where you see this seal.

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