SONY

PCG-V505MP

MADE IN JAPAN

The quintessential mobile notebook

VAIO

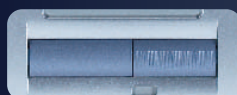www.sony.co.jp/overseas/vaio

PCG-V505MP

The perfect choice for mobile performance

The VAIO V505 satisfies all your mobile needs. With Intel® Centrino™ mobile technology, including a powerful Intel® Pentium® M Processor 1.50GHz, you can push the boundaries of your creativity while Sony's Discrete Cooling System maintains optimal temperature. With a handy combo drive, it allows you to take advantage of the media that best suits your demands. It also offers the exceptional convenience of Wireless LAN capability, which combines with its super slim dimensions and 1.99kg weight to make the VAIO V505 the perfect choice for mobile performance.
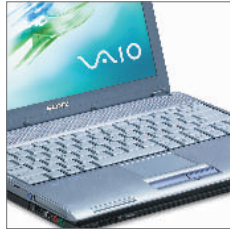
Streamlined elegance

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

High performance

Cutting-edge Intel® Centrino™ mobile technology

VAIO V505 features Intel® Centrino™ mobile technology, which includes a powerful Intel® Pentium® M Processor 1.50GHz blending maximum performance with minimal power consumption, all within the surprisingly small dimensions of just 277.0mm (W) × 33.5–35.0mm (H) × 242.4mm (D)! Moreover, VAIO V505's highly efficient Discrete Cooling System quietly ensures that the CPU offers the best possible performance in a range of different situations. Also, VAIO V505 extends battery time by automatically activating power-saving mode whenever an AC adapter is not detected.

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 2GB* of DDR SDRAM — double the conventional speed and capacity. Speedy frame rates are also ensured by a high-performance ATI MOBILITY™ RADEON™ 9200 graphics accelerator.

* By removing the pre-installed 512MB memory module and adding two 1.0GB memory modules.
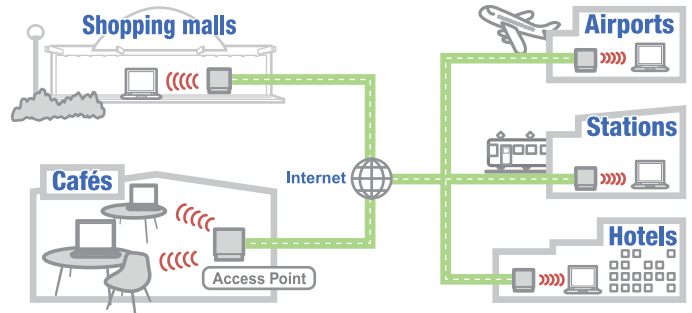
Refined for mobility

Easy wireless communications

Wireless LAN Access is built right into VAIO V505, allowing outdoor broadband connection for mobile Net surfing, email, image uploading and more in cafés, restaurants, shopping malls, hotels, airports and stations — wherever Wireless 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!

Freedom outdoors

Shopping malls
Cafés
Internet
Access Point
Airports
Stations
Hotels

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, write CD-R discs and write CD-RW discs 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 bevelled 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

4 to 7 continuous hours* of operation are supplied by the standard (48.84Wh) battery. An optional, large-capacity (97.68Wh) battery (PCGA-BP4V) is also available that offers 8 to 14 hours* of operation. Bring it along to keep your VAIO going strong during heavy duty usage.

* Estimated battery life when the power-saving mode is on. Actual battery life may vary with different operating conditions and settings.
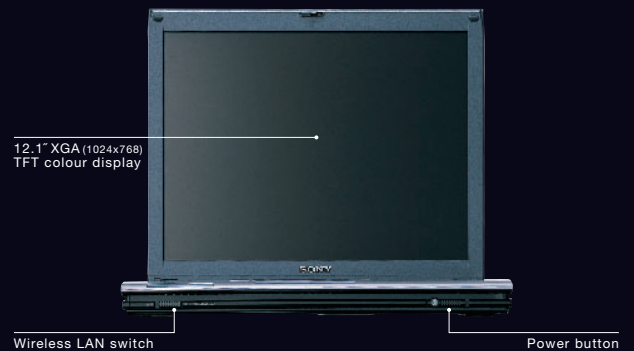
Sleek AC adapter

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 when receiving power. What's more, an additional PCGA-AC16V6 adapter is also available as an option, making it easy to switch to a second power supply in a different location.
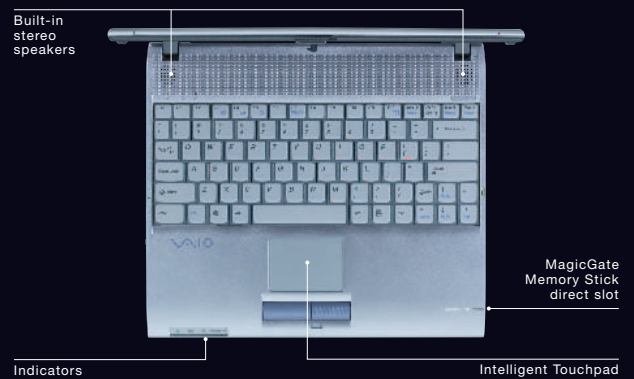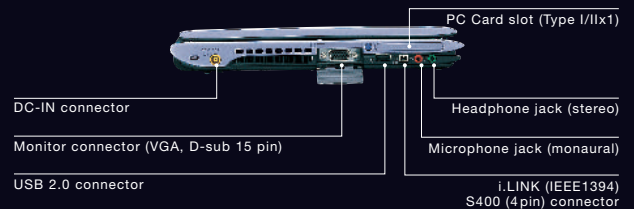
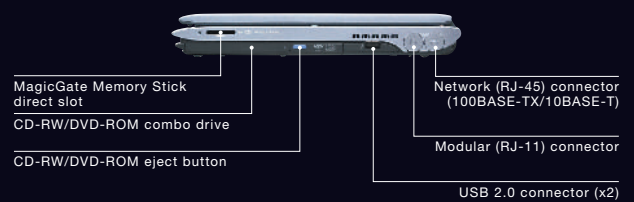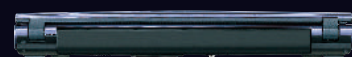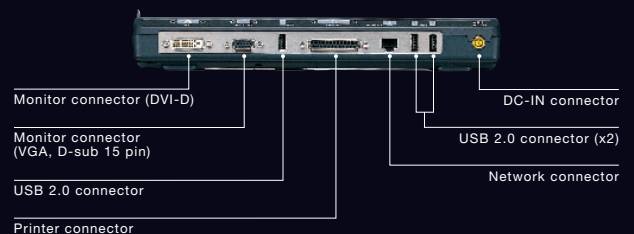**Sony recommends Microsoft® Windows® XP.**

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 PictureGear Studio 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 CLIÉ handheld*. MagicGate technology offers copyright protection**, while the MagicGate Memory Stick direct slot makes data transfer both swift and simple.

* Availability depends on region.
  Not all CLIÉ handhelds support music playback.
** MagicGate copyright protection technology cannot be
   applied to Memory Stick PRO.

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 link with a world of Sony products designed to work in harmony with VAIO V505. Wide-ranging connections accommodate your needs.
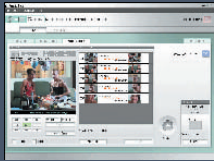
Port Replicator with easy typing angle

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.

Front

- 12.1″ XGA (1024x768) TFT colour display
- Wireless LAN switch
- Power button

Top

- Built-in stereo speakers
- MagicGate Memory Stick direct slot
- Indicators
- Intelligent Touchpad

Left

- PC Card slot (Type I/IIx1)
- DC-IN connector
- Headphone jack (stereo)
- Monitor connector (VGA, D-sub 15 pin)
- Microphone jack (monaural)
- USB 2.0 connector
- i.LINK (IEEE1394) S400 (4 pin) connector

Right

- MagicGate Memory Stick direct slot
- Network (RJ-45) connector (100BASE-TX/10BASE-T)
- CD-RW/DVD-ROM combo drive
- Modular (RJ-11) connector
- CD-RW/DVD-ROM eject button
- USB 2.0 connector (x2)

Rear

Optional Port Replicator

- Monitor connector (DVI-D)
- DC-IN connector
- Monitor connector (VGA, D-sub 15 pin)
- USB 2.0 connector (x2)
- USB 2.0 connector
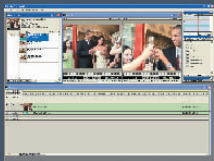- Network connector
- Printer connector

Powerful software for creative minds.

Almost anything you can imagine, you can create and communicate on VAIO. Powerful software capabilities make professional level image editing and music production simple and fun for everyone.

DVgate Plus

Sony's original DVgate Plus software allows high-precision digital importing, editing and exporting of movies in various movie formats. You can import movies from DV or MICROMV Handycams* by simply connecting and using the one click button. Imported scenes can then be cut and connected, or edited further via Adobe® Premiere® 6 LE. Finally, your edited movies can be exported to DV or MICROMV Handycam equipment (MPEG1 and MPEG2 file export also possible). DVgate Plus makes every step easy.

Adobe® Premiere® 6 LE

This professional video editing software lets you easily create and edit your own Hollywood quality videos. VAIO Edit Components Ver. 3.0, Sony's special plug-in for Premiere, lets you edit MPEG files with ease, monitor images on an i.LINK connected TV during editing, and add any of 34 editable VAIO transitions in addition to the 15 provided by Premiere. It also enables seamless coordination with DVgate Plus, Sony's DV editing software. With VAIO and Adobe® Premiere® 6 LE, you can finally realise your movie making potential.

MOVIES

Handycam*

SonicStage

Personalise your music with Sony's original SonicStage music software. Download music easily from the Internet and record/store music freely on your hard disk 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 supports 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.

Note: Song titles, names of artistes, and other information shown above are provided for illustrative purposes only.

SonicStage Mastering Studio

This advanced music mastering software lets you import analogue music - including old LP records and cassette tapes - edit the music, and write your own high-quality optimised CDs. It also lets you save edited music as WAV files and add them to the SonicStage "play list". Leading features include Super Bit Mapping, support for recording in a 24bit/96KHz** sampling mode; and four professional third-party effector modules: SONY OXFORD Equalizer, Waves Renaissance Bass, Waves S1 Stereo Imager, and Waves L1 Ultramaximizer.

MUSIC

Net MD Walkman*

VAIO
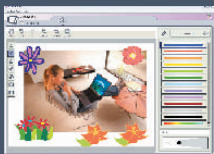### Video Audio Integrated Operation

PHOTOS

Cyber-shot*
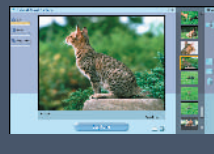
COMMUNICATION

Visual Communication Camera*

PictureGear Studio

Simply by connecting your VAIO with your digital camera via USB cable, or inserting Memory Stick media, you can automatically import photos to VAIO's hard drive. Since photos are displayed as thumbnails on the screen, browsing is a breeze. You can also create a photo album in three steps with Photo Album, then print it out or save it as a PDF file and attach it to email. Or write and draw on your photos, place your photos in chronological order with Calendar View, create screensavers and slideshows with background music, and much more.

Adobe® Photoshop® Elements

Creating and editing your digital images for print or posting on the Web has never been easier, thanks to Adobe® Photoshop® Elements. These state-of-the-art image editing tools free you to explore your creativity. Using 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, email or post on the Web for all to see.

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 email. Network Smart Capture also features Fixed Point Observation mode, which lets you take images automatically at intervals with a Web camera. The images can be uploaded in real time to your own Web site.

* Availability depends on region. ** EDIROL AUDIO capture UA-5 USB audio interface device from Roland is required.

Specifications

Model	PCG-V505MP
Operating System	Microsoft° Windows° XP Professional (English version) Multilanguage User Interface (pre-installed Traditional Chinese)
Microprocessor	Intel° Centrino" mobile technology Intel° Pentium° M Processor 1.50GHz* - Supports Enhanced Intel SpeedStep° Technology
Chipset	Intel° 855PM Chipset
Processor System Bus	400MHz
Memory Bus	333MHz
Cache Memory	L1 Cache: 64KB L2 Cache: 1MB (on chip)
Main Memory	512MB DDR SDRAM (upgradeable up to 2GB)**, 2 SO-DIMM slots (The pre-installed memory module uses one)
Hard Disk	40GB (C: 15GB, D: 25GB) Ultra ATA/100
CD-RW/DVD-ROM Drive	Maximum reading speed: CD-R, CD-ROM: 24× / DVD-ROM: 8× Maximum writing speed: CD-R: 16× / CD-RW: 10×
Graphics Accelerator	¥ Dual display compatible ¥ 3D graphics acceleration compatible ¥ ATI Technologies Inc. MOBILITY" RADEON" 9200
Video Memory	32MB
Display	12.1" XGA (1024 × 768) TFT colour display
Interfaces	¥ USB 2.0 × 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	TypeI/II × 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 4 to 7 hours of use*****
Dimensions (W × H × D)	277.0 × 33.5—35.0 × 242.4mm
Weight	Approx. 1.99kg (including the supplied battery)
Included Software	Software Applications: ¥ Adobe° Acrobat° Reader 6 ¥ Adobe° Photoshop° Elements 2.0 ¥ Adobe° Premiere° 6 LE ¥ Apple° QuickTime° 6.1 ¥ InterVideo WinDVD" 4 for VAIO ¥ RealNetworks RealOne Player ¥ Sony DVgate Plus 1.1 ¥ Sony Network Smart Capture 1.2 ¥ Sony Notebook Setup 3.4 ¥ Sony PictureGear Studio 2.0 ¥ Sony SonicStage 1.6 for VAIO ¥ Sony SonicStage Mastering Studio 1.1 ¥ Sony VAIO Edit Components 3.0 LE ¥ 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 removing the pre-installed 512MB memory module and adding two 1.0GB memory modules.
*** High-speed/Full-speed/Low-speed compatible.
**** Supports 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 when the power-saving mode is on. Actual battery life may vary with different operating conditions and settings.
****** Warranty conditions may vary by country.

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Features and specifications are subject to change without notice.
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.
This set is not designed for use in JAPAN. Please do not use this set in JAPAN. Use of Built-in Modem of this set is prohibited by applicable law in JAPAN.

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

VAIO ONLINE : http://vaio-online.sony.com/