SONY®

PCG-V505P

The pinnacle of mobility

VAIO

Video Audio Integrated Operation

PCG-V505P

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 1.8GHz, 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 1.8 GHz clock speed and integrated SpeedStep® technology, it boosts performance while consuming less energy. Moreover, VAIO V505's highly efficient Discrete Cooling System quietly ensures the CPU always performs at its peak.

Accelerated architecture

From its very conception, the compact VAIO V505 was designed to deliver accelerated performance. Its 400 MHz 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.
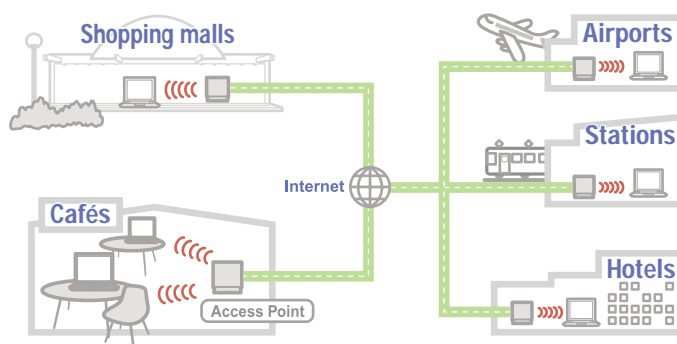
* By removing the pre-installed 256MB memory module and adding two 512MB memory modules.

Refined for mobility

Easy wireless communications

Wireless LAN Access is built right into VAIO V505, allowing outdoor broadband connection for mobile Net surfing, 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 any VAIOs in the vicinity to share videos, images and music!

Shopping malls · Cafés · Internet · Access Point · Airports · Stations · Hotels

Slim built-in Combo Drive

Slim enough to fit within the compact dimensions of 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 color 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.

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 CLIÉ handheld*. MagicGate technology is copyright protected and makes the process smooth and speedy.

* Not available in some regions and countries.
  Not all CLIÉ 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 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 ports (making a total of 5) and VGA out, LAN, Printer, and DC in terminals.

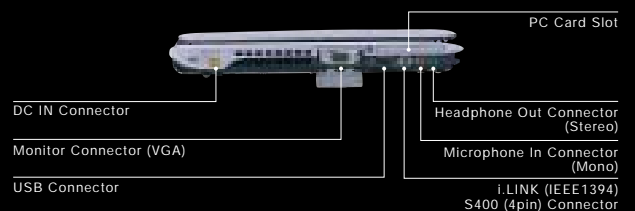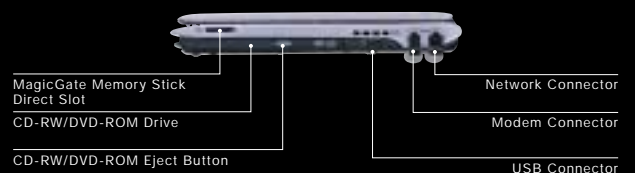**Sony recommends Microsoft® Windows® XP**

PCG-V505P

Front

12.1˝ XGA (1024x768) TFT Colour Display

Wireless LAN Switch

Power Button

Top

Stereo Speakers

MagicGate Memory Stick Direct Slot

Indicator Lamp

Intelligent Touchpad

Left side

PC Card Slot

DC IN Connector

Headphone Out Connector (Stereo)

Monitor Connector (VGA)

Microphone In Connector (Mono)

USB Connector

i.LINK (IEEE1394) S400 (4pin) Connector

Right side

MagicGate Memory Stick Direct Slot

Network Connector

CD-RW/DVD-ROM Drive

Modem Connector

CD-RW/DVD-ROM Eject Button

USB Connector

Back

Optional Port Replicator

Monitor Connector (DVI-D)

DC IN Connector

Monitor Connector (VGA)

USB Connector

USB Connector

Network Connector

Printer Connector

Exclusive built-in VAIO software gives you the power to create more.

If you can imagine it, you can create it with a VAIO. Sony's exclusive software makes professional level image editing and manipulation simple and fun for everyone. And the power of VAIO V505 allows you to handle large files quickly and easily. Animated movies, music videos, digital photo albums, holiday greeting cards, interactive email — they're all possible with just a few clicks.

MOVIES

MovieShaker
Create your own movies in a few simple clicks. Sony's easy movie editing software creates personal movies — complete with transitions, special effects, background music and text. All you do is import your clips, pick the mood you want and MovieShaker does the rest.

DVgate
Create your own video masterpieces. DVgate lets you select scenes from videos you've taken with your DV (digital video) camera, then adjust, organise and assemble them into a movie that you can store or transfer back to DV.

STILLS

Network Smart Capture
You can capture moving and still images from a Digital Handycam connected via i.LINK cable, then attach them to email. Fixed Point Observation mode lets you take images automatically at intervals with a Web camera. Keep an eye on home or pets while you're out, or upload images in real time to a web site!

DigitalPrint
DigitalPrint makes it easy and enjoyable to print photos and labels. Simply select the photos you like from the thumbnail view, specify the number of copies and sheet size, preview the results and press "print". Clipart and colourful stamps let you give them extra personality as well as print original albums. To create labels for various media including CD-R, just follow the easy to understand instructions.

PictureToy
Have fun drawing and writing on your images. You can easily decorate and add notes to digital photos using playful tools and stamps. Then instantly send your hand decorated photos as email attachments.

PictureGear
Turn your VAIO into a dynamic digital photo album. PictureGear helps you organise your digital images and allows you to create wallpaper, screensavers and more.

MUSIC

SonicStage
SonicStage lets you record the best tracks from your CDs or the Internet and store them on your hard disk for playback whenever you like. And when you want your music "to go", just "check out" the tracks onto a Memory Stick or create an original compilation CD with the CD-RW drive on your VAIO. It's a personal way to manage and enjoy your music collection.

Specifications

Model	PCG-V505P
Microprocessor	Mobile Intel® Pentium® 4 Processor 1.80GHz-M*- Supports Enhanced Intel® SpeedStep™ Technology
Chipset	Intel® 845MP Chipset
Processor System Bus	400MHz
Cache Memory	L2 Cache: 512KB (on chip)
Main Memory	256MB DDR-SDRAM (upgradeable up to 1GB)**, 2 SO-DIMM slots (one slot is used by a pre-installed 256MB memory module)
Hard Disk	60GB (C:15GB, D:45GB) 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 (1024x768) TFT colour display
Interfaces	USB x 2*** • i.LINK (IEEE1394) S400 (4pin) • 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
Wireless LAN	Integrated Wireless LAN IEEE802.11b • Data rate: maximum 11 Mbps • Range: 10m - 100m • Frequency: 2.4GHz
Modem	V.90 and K56flex 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 (WxHxD)	277.0 x 33.5 - 35.0 x 242.4mm
Weight	Approx. 1.99 kg (including the supplied battery)
Included Software	Operating System: Microsoft® Windows® XP Professional (English version) Software Application: Adobe® Acrobat® Reader 5.1 • Adobe® Photoshop® Elements 2.0 • Apple QuickTime™ 5.0 • InterVideo WinDVD™ 4 for VAIO • Sony DigitalPrint 1.1 • Sony DVD Region Setting Utility 1.1 • Sony DVgate 2.6 • Sony MovieShaker 3.3 • Sony MPEG2 Decoder • Sony Network Smart Capture 1.1 • Sony Notebook Setup 3.1 • Sony SonicStage 1.2 for VAIO • Sony PictureGear 5.1 • Sony PictureToy 1.1 • Sony VAIO Edit Components for Adobe® Premiere® 2.1 LE • Symantec Norton AntiVirus 2002
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 256MB memory module and adding two 512MB memory modules.
*** Full-speed/Low speed compatible. Does not support USB 2.0 High-speed mode.
**** Estimated battery life. Actual battery life may vary by usage.
***** Warranty conditions may vary by country or region.

Sony recommends Microsoft® Windows® XP.

Optional Accessories

PCGA-PRV1 Port Replicator
● 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 connector x3

PCGA-UMS5 USB Optical Mouse
● Stylish, comfortable form
● Maintenance-free optical design
● Sensor resolution:800 dots per inch

PCGA-UMS1/A USB Mouse
● Convenient scroll-wheel mouse
● Direct connection to USB connector
● Special VAIO design and colour

PCGA-AC16V6 AC Adapter
● Universal voltage compatible:
  AC100 – 240V

PCGA-UFD5 USB Floppy Disk Drive
● Direct connection to USB connector

PCGA-BP4V Lithium-ion Battery
● Rechargeable battery
  Capacity: Up to 5.5 to 10 hours
  of use*

  * Estimated battery life.
    Actual battery life may vary by usage.

VAIO OFFICIAL WARRANTY SONY
Only VAIO. Only Sony.
Only where you see this seal.

SONY®