

Hard working. Nicely mobile.



Screen image simulated



INTEGRATED CONVENIENCE
Built-in CD-RW/DVD-ROM combo drive and ports keep the profile portable.

ENHANCED BATTERY LIFE
Power through lengthy flights or meetings with enhanced battery life. Stay more productive on the go!

WIRELESS FREEDOM
Integrated 802.11b/g wireless support lets you connect to thousands of Hotspots across the country.⁶

MULTIMEDIA SOFTWARE
Comes loaded and ready-to-use with easy to use software to enjoy digital video, photos and music.¹⁰

FEATURES

- Intel® Centrino™ mobile technology - designed specifically for mobility
- Only 1.32" - 1.38" thin, 4.39 lbs with integrated CD-RW/DVD-ROM drive
- Integrated Wireless LAN⁶ -- For truly mobile network connection
- Optional double capacity battery available for traveling
- Memory Stick PRO™ media slot allows you to tie together so many aspects of the digital world!
- 512MB DDR SDRAM memory expandable to 2GB



SPECIFICATIONS

Models
PCG-V505EX

Processor
Intel® Pentium® M processor 1.50GHz¹

Cache Memory
512 KB integrated on-die level 2

Bus Speed
400 MHz

LCD
12.1" XGA (1024 x768) TFT display

Graphics
ATI MOBILITY™ RADEON™ 9200 32 MB DDR SGRAM
Dual Display Support

Memory
512 MB (256MB x 2) DDR SDRAM, expandable to 2 GB

Hard Drive
60² GB² hard drive

Optical Drive
Internal CD-RW/DVD-ROM combo drive
(Max speeds: CD-R write 24x; CD-RW write 10x; CD Read 24x; DVD-ROM read 8x)

Optional Floppy Drive
External 1.44 MB, 3.5" USB floppy drive (PCGA-UFD5)

Memory Stick PRO™ Media Slot
Supports optional Memory Stick PRO™ media

Modem
Integrated V.90 modem

Ethernet
10BASE-T/100BASE-TX Ethernet with RJ-45 interface

Integrated Wireless LAN⁶
Intel® / PRO Wireless 2200BG
Bus/Interface: mini PCI
Radio frequency band: 2.4GHz (ISM band)

Pointing Device
Electro-Static touch pad

Estimated Battery Life⁵
Lithium-ion battery, 3.0-5.5 hours

PC Card Slots
1 type I/type II card, CardBus support

Audio
Windows® sound system compatible
Built-in stereo speakers; monoral mini-jack microphone

Other Interfaces
i.LINK® (IEEE 1394) interface³, 2 USB 2.0, RJ-11 modem jack, RJ-45 Ethernet, Memory Stick® media slot⁴, VGA output, headphone (stereo), monaural mini-jack microphone, port replicator connector

Optional Port Replicator (PCGA-PRV1)
3 USB 2.0 (When using with V505B series), printer, DVI-D, VGA output, RJ-45 Ethernet, docking CN

Power Requirements
68 watts maximum ±10% (16V / AC100-240V)
Energy Star® compliant

Advanced power management - APM-ACPI compatible

Size (H x W x D)
1.32"-1.38" X 10.9" X 9.54"

Weight
4.39 lbs. with supplied battery

Supplied Accessories
Lithium-ion battery, power cord and AC adapter

Optional Accessories
Port replicator (PCGA-PRV1)
External USB floppy disk drive (PCGA-UFD5)
Additional battery (PCGA-BP2V)
Double capacity battery (PCGA-BP4V)
USB optical mouse (PCGA-UMS5)
USB mobile mouse (PCGA-UMS3/V, UMS3/S)
Wireless optical mouse (PCGA-WMS5/S)
Large carrying case (PCGA-CCGX)
Slim carrying case (PCGA-CCB2)
Neoprene Notebook & Adapter Case (PCGA-CCN2)
Additional AC adapter (PCGA-AC16V6)
Notebook Backpack (PCGA-CCP1)
Notebook Sport Backpack (PCGA-CCP2)
802.11b/g Wireless LAN router access point (PCWA-AR300)
802.11a Wireless LAN router access point (PCWA-A500)
802.11a/b Wireless LAN PC card (PCWA-C700)
USB Visual Communication Camera (PCGA-UVC11)
External Speakers (PCGA-SP1)
External DVD±RW / CD-RW drive⁸ (PCGA-DDRW1)
USB Bluetooth™ adapter (PCGA-BA1/A)

Service and Warranty Information
One year limited hardware Express Service⁵ (Certain restrictions apply.)
One year limited hardware parts and labor⁵
Telephone Support⁶: One year hardware and 90 days software and operating system from purchase date

Operating System
Microsoft® Windows® XP Home Edition

Productivity Software
Microsoft® Works

Video Software
Sony DVgate Plus™
InterVideo® WinDVD® 5 for VAIO® PC

Music Software
Sony SonicStage™
RealNetworks® RealOne™ Player

Photo Software
Sony PictureGear Studio™
Sony Network Smart Capture

Communication
VAIO Media™ software
America Online⁹⁷

Virus, Tools, and Support Software
Norton® Internet Security Center Trial⁷
VAIO Support Agent



- 1 GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
- 2 GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary.
- 3 i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
- 4 Estimated battery life. Actual battery life may vary on usage.
- 5 From date of purchase.
- 6 Requires compatible wireless access point, some of which require a fee. Sony cannot guarantee the security of wireless communications. Internet connection may require fees.
- 7 Requires fees for use.
- 8 DVD±R and DVD±RW discs recorded on this drive will playback in most consumer DVD players and computer DVD-ROM drives.
- 9 A portion of hard disk space is reserved as a recovery partition.
- 10 A digital camera sold separately.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Preinstalled software may not be identical to retail versions or have all documentation.

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