

**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.<sup>6</sup>

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

**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 LAN<sup>6</sup> -- 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-V505EXP

**Processor**  
Intel® Pentium® M processor 1.50GHz<sup>1</sup>

**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**  
60<sup>2</sup> GB<sup>2</sup> 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 LAN<sup>6</sup>**  
Intel® / PRO Wireless 2200BG  
Bus/Interface: mini PCI  
Radio frequency band: 2.4GHz (ISM band)

**Pointing Device**  
Electro-Static touch pad

**Estimated Battery Life<sup>5</sup>**  
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) interface<sup>3</sup>, 2 USB 2.0, RJ-11 modem jack, RJ-45 Ethernet, Memory Stick® media slot<sup>3</sup>, 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 drive<sup>8</sup> (PCGA-DDRW1)  
USB Bluetooth™ adapter (PCGA-BA1/A)

**Service and Warranty Information**  
One year limited hardware Express Service<sup>5</sup> (Certain restrictions apply.)  
One year limited hardware parts and labor<sup>5</sup>  
Telephone Support<sup>6</sup>: One year hardware and 90 days software and operating system from purchase date

**Operating System**  
Microsoft® Windows® XP Professional

**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 Online<sup>97</sup>

**Virus, Tools, and Support Software**  
Norton® Internet Security Center Trial<sup>7</sup>  
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.

©2004 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, i.LINK, Memory Stick and VAIO are registered trademarks of Sony. DVgate Plus, PictureGear Studio, VAIO Media and SonicStage are trademarks of Sony. Intel, Pentium and SpeedStep are registered trademarks of Intel Corporation. Microsoft and Windows are registered trademarks of Microsoft Corporation. RealOne is registered trademarks of RealNetworks, Inc. All other trademarks are trademarks of their respective owners. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate. Printed in U.S.A. 01/04.