# SONY

## PCG-V505EXP
### Sony VAIO® V505-Series Notebook

# Hard working.  Nicely mobile.

VAIO

Screen image simulated

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

**ENHANCED BATTERY LIFE**
*Power through lengthly 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 thousahnds 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 LAN[6] -- 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

*Sony Exclusive MULTIMEDIA DIGITAL EDITING software package!*

## SPECIFICATIONS

**Models**
PCG-V505EXP
**Processor**
Intel® Pentium® M processor 1.50GHz[1]
**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[9] GB[2] 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[6]**
Intel® / PRO Wireless 2200BG
Bus/Interface: mini PCI
Radio frequency band: 2.4GHz (ISM band)
**Pointing Device**
Electro-Static touch pad
**Estimated Battery Life[5]**
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[3], 2 USB 2.0, RJ-11 modem jack, RJ-45 Ethernet, Memory Stick® media slot[3], 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[8] (PCGA-DDRW1)
USB Bluetooth™ adapter (PCGA-BA1/A)
**Service and Warranty Information**
One year limited hardware Express Service[5] (Certain restrictions apply.)
One year limited hardware parts and labor[5]
Telephone Support[5]: 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®[7]
**Virus, Tools, and Support Software**
Norton® Internet Security Center Trial[7]
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.

**Sony recommends Microsoft® Windows® XP**