

Stylish Mobility, Serious Power.



STYLISH AND PROFESSIONAL
Serious power and integrated CD-RW/DVD combo drive in a slim and light body.

WATCH DVD MOVIES ON FLIGHT
Integrated CD-RW / DVD Combo drive gives entertainment to you on the go.

GOT WIRELESS?
Integrated 802.11b wireless for truly mobile network connection⁶.

ENJOY PICTURES!
Create your own digital photo album with Sony's exclusive PictureGear Studio™ software.

FEATURES

- Only 1.32" - 1.38" thin, 4.39 lbs with integrated CD-RW/DVD drive
- Integrated Wireless LAN⁶ -- For truly mobile network connection
- Mobile Intel® Celeron® processor 1.8 GHz¹-M
- Mobile Intel® Pentium® 4 processor 2 or 2.4 GHz¹-M supports Intel® Enhanced SpeedStep® technology²
- Optional double capacity battery available for traveling
- Memory Stick® media slot allows you to tie together so many aspects of the digital world!¹²
- 512MB DDR SDRAM memory expandable to 1024MB



SPECIFICATIONS



Models
PCG-V505BC Series, BTO Configurations

Processor (Configurable)
Mobile Intel® Celeron® processor 1.8 GHz¹-M
Mobile Intel® Pentium® 4 processor 2 or 2.4 GHz¹-M supports Intel® Enhanced SpeedStep® technology²

Cache Memory
512 KB integrated on-die level 2

Bus Speed
400 MHz

LCD
12.1" XGA (1024 x 768) TFT display

Graphics
ATI MOBILITY™ RADEON™ 16 MB video DDR SDRAM Dual display support

Memory (Configurable)
256 MB (256 x 1) , 512 MB (512 x 1), 512 MB (256MB x 2) or 1024 MB (512 x 2) DDR SDRAM, expandable to 1024 MB

Hard Drive (Configurable)
40¹³ or 60¹³ GB² hard drive

Optical Drive
Internal CD-RW / DVD Combo drive
(CD-ROM read 24x max; CD-RW read 12x max; CD-R write 8x max; CD-RW write 4x max; DVD-ROM read 8x max)

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

Memory Stick® Media Slot¹²
Supports optional Memory Stick® media

Modem
Integrated V.90 modem

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

Integrated Wireless LAN® (Configurable)
IEEE 802.11b

Bus/Interface: mini PCI
Radio frequency band: 2.4GHz (ISM band)

Pointing Device
Electro-Static touch pad

Estimated Battery Life⁵
Lithium-ion battery, 1.5-3.5 hours with Pentium® 4 processor 2 GHz¹ -M or Celeron® processor 1.8 GHz¹ and PCGA-BP2V

PC Card Slots
1 type I/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 slot³, 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" with PCGA-BP2V

Weight
4.39 lbs. with PCGA-BP2V

Supplied Accessories (Battery Configurable)
Lithium-ion battery (PCGA-BP2V or BP4V), 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 mouse (PCGA-UMS5)
USB mobile mouse (PCGA-UMS3/V)
Large carrying case (PCGA-CCGX)
Carrying case (PCGA-CCR5)
Neoprene Notebook & Adapter Case (PCGA-CCN2)
Additional AC adapter (PCGA-AC16V6)
Notebook Backpack (PCGA-CCP1)
Notebook Sport Backpack (PCGA-CCP2)
802.11b Wireless LAN Pro router access point (PCWA-A200)
802.11b Wireless LAN access point (PCWA-A220)
802.11a Wireless LAN router access point (PCWA-A500)
802.11a Wireless LAN PC card (PCWA-C500)
USB Visual Communication Camera¹⁴ (PCGA-UVC10)
External Speakers (PCGA-SP1)
External DVD±RW / CD-RW drive^{11, 14} (PCGA-DDRW1)
USB Bluetooth™ adapter¹⁴ (PCGA-BA1/A)

Service and Warranty Information
One year limited hardware Express Service⁵ (Certain restrictions apply.)
One year limited hardware parts and labor⁵
Telephone Support⁵: One year hardware and 90 days software and operating system from purchase date

Operating System (Configurable)
Microsoft® Windows® XP Home Edition,
Microsoft® Windows® XP Professional or
Microsoft® Windows® 2000 Professional

Productivity Software
Microsoft® Money 2003 Standard®
Microsoft® Works
Microsoft® Encarta® Online®
Easy Systems Drag'n Drop CD¹⁵

Video Software
Sony DVgate™ plus¹⁴
Sony DVgate™ 15
InterVideo® WinDVD® 4 for VAIO® PC

Music Software
Sony SonicStage™
RealNetworks® RealOne™ Player

Photo Software
Sony PictureGear Studio™
Sony Network Smart Capture

Communication
VAIO Media™ software¹⁴
Microsoft® MSN® 8.0⁷
America Online^{8,7}

Gaming
Microsoft® Age of Empires®: II

Virus, Tools, and Support Software
McAfee® 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 Wireless LAN access point sold separately. Sony cannot fully guarantee the security of wireless communications.
- 7 Requires fees for use.
- 8 Certain features are time limited.
- 9 Limited duration trial subscription to Microsoft's current online version. Internet access required; additional fees (including telephone/long distance charges) may apply also.
- 10 Camcorder and i.LINK cable sold separately.
- 11 DVD±R and DVD±RW discs recorded on this drive will playback in most consumer DVD players and computer DVD-ROM drives.
- 12 Supports Memory Stick Pro high-capacity media, but does not support high-speed media capability.
- 13 5GB of hard disk space is reserved as a recovery partition. Windows XP models only.
- 14 Windows XP models only
- 15 Windows 2000 Professional models only

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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Sony recommends Microsoft® Windows® XP