

Affordable portability. Exceptional performance.



AFFORDABLE PORTABILITY

Full-value notebook with eye-catching looks that are sure to get you noticed. Multimedia features that will take you from workday to night life. Great for novice user!

BRILLIANT PERFORMANCE

XBrite™ LCD technology and exclusive VAIO® software allow you to showcase your music, photos, movies and multimedia presentations.

WIRELESS FREEDOM

Integrated wireless lets you connect to thousands of hotspots across the country for instant messaging, checking email, surfing and searching the web.⁵

FEATURES

- Intel® Pentium 4 technology - exceptional performance
- Two-toned chassis - emphasis on classic Sony® style and improved usability
- Built-in CD-RW/DVD combo drive for burning CDs - enjoy music, photos and movies
- Integrated wireless LAN⁶ - connect to the internet anywhere, anytime
- 15" XGA screen utilizing XBrite™ technology - for superior image quality
- Memory Stick Pro™ Media Slot - faster data, photo, and music transfers



SPECIFICATIONS



Model
PCG-K12P

Processor
Intel® Pentium® 4 processor 2.80GHz¹

Cache Memory
L1: Execution trace cache: 12k decoded micro-ops / Data cache: 8K
L2: 512KB Integrated On-Die

Bus Speed
533 MHz

LCD
15" XGA (1024 x 768) TFT display with XBrite™ technology

Graphics
ATI RADEON™ IGP 345M
Dual display support

Memory
512 MB DDR SDRAM (256MB x 2), maximum 1 GB

Hard Drive
40 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)

Modem
Integrated V.90 modem

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

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

Pointing Device / Keyboard / Input Device
Electro-Static touch pad
QWERTY, 86 keys with 2.7mm stroke and 19.2mm pitch

Estimated Battery Life⁴
Lithium-ion battery
1.0-2.5 hours with standard battery⁴

PC Card Slots
1 type III or 2 type I or type II card with CardBus support

Audio
Windows® sound system compatible
Built-in stereo speakers; monaural mini-jack microphone
Optional external speakers (PCGA-SP1)

Other Interfaces
RJ-11 modem jack, i.LINK® (IEEE 1394) interface³, 3 USB2.0, RJ-45 Ethernet, VGA output, headphone (stereo), monaural mini-jack microphone

Integrated Wireless⁵
802.11b/g
Bus/Interface: mini PCI
Radio frequency band: 2.4GHz (ISM band)

Power Requirements
168 watts maximum +10% (19.5V / AC100-240V)
Energy Star® compliant
Advanced power management - APM-ACPI compatible

Weight
7.3lbs. with a standard battery

Size (H x W x D)
1.65-2.26" X 13" X 10.9"

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

Optional Accessories
External USB floppy disk drive (PCGA-UFD5)
Additional standard battery (PCGA-BP2NY)
USB optical mouse (PCGA-UMS5)
USB mobile mouse (PCGA-UMS3/S, UMS3/V)
Wireless optical mouse (PCGA-UMS5/S)
Carrying case (PCGA-CCGX)
Additional AC adapter (PCGA-AC19V9)
802.11g Wireless LAN router access point (PCWA-AR300)
802.11a/b Wireless LAN PC card (PCWA-C700)
Visual communication camera (PCGA-UVC11)
Caliber case (PCGA-CCGT/G, CCGT/L, CCGT/R)
Neoprene notebook & AC adaptor cases (PCGA-CCN1S)
Notebook sport backpack (PCGA-CCP2)
Notebook backpack (PCGA-CCP1)
Notebook roller case (PCGA-CCQ1)
60GB² External hard drive (PCGA-HDM06)
External speakers (PCGA-SP1)

Service and Warranty Information
One year limited Express Service (Certain restrictions apply.)
One year limited parts and labor
Telephone Support from date of purchase: Hardware- 1 year,
Software - 90 days, Operating system - 90 days

Operating System
Microsoft® Windows® XP Professional

Productivity Software
Microsoft® Works 7.0
Microsoft® Office Business Trial
Intuit Quicken New User Edition
Adobe Acrobat Reader

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

Music Software
Sony SonicStage®
RealNetworks® Real One Player

Photo Software
Sony PictureGear Studio™

Streaming Software
Sony VAIO Media™ Software

Internet Properties
America Online®

Utilities & Support Software
Sony VAIO® Recovery Wizard
Sony VAIO® Help and Support
Sony VAIO® Update
Norton® Internet Security Center®

- 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 Requires compatible wireless access point, some of which require a fee. Sony cannot guarantee the security of wireless communications. Internet connection may require fees.
- 6 Requires fees for use.

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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