

Productive multimedia power.



ENJOY PICTURES!

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

MUSIC AND ENTERTAINMENT

Download. Make custom CDs with Sony's exclusive SonicStage™ Software.



FEATURES

- Large 16.0" SXGA display -- with ultra high resolution.
- Intel® Pentium® 4 processor 2.80GHz¹
- Memory Stick® media slot¹² allows you to tie together so many aspects of the digital world!
- Integrated CD-RW/DVD combo drive



SPECIFICATIONS

Model
PCG-GRT150

Processor
Intel® Pentium® 4 processor 2.80GHz¹

Cache Memory
512 KB integrated on-die level 2

Bus Speed
533 MHz

LCD
16.0" SXGA (1280x1024) TFT display

Video and Graphics
NVIDIA® GeForce4™ 420 Go
32 MB video DDR SGRAM

Memory
512 MB DDR SDRAM (256x2), maximum 1024 MB

Hard Drive
60¹³GB² hard drive

Optical Drive
Internal removable CD-RW / DVD combo drive¹¹
(CD-R-write 24x; CD-RW-write 10x; DVD-read 8x; CD read 24x; CD-RW read 12x, DVD-R/RW read 4x)

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

Hot-Swappable Multi-Bay
For CD-RW / DVD combo drive or optional second battery

Modem
Integrated V.90 modem

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

Memory Stick® Media Slot¹²
Supports optional Memory Stick® media

Pointing Device / Keyboard
Electro-static touch pad
QWERTY, 86 keys with 3mm stroke and 19mm pitch
Magnify button

Estimated Battery Life⁴
Lithium-ion battery, supports dual battery operation
1.0-1.5 hours with one battery⁴
2.0-3.0 hours with optional second battery⁴

PC Card Slots
2 type I/type II cards, or 1 type III card, CardBus support

Audio
Built-in stereo speakers; monaural mini-jack microphone

Other Interfaces
RJ-11 modem jack, i.LINK® (IEEE 1394) interface³, 3 USB 2.0, AV out (mini-jack), RJ-45 Ethernet, Memory Stick® media slot¹², VGA output, parallel, headphone (stereo), monaural mini-jack microphone, port replicator connection

Optional Port Replicator (PCGA-PRGT1)
DC in, 2 USB, RJ-45 Ethernet, VGA output, PS/2® keyboard and mouse, serial, parallel, S-video out, Line-in (RCA pin), Line-out (RCA pin), Video out (RCA pin), Optical out

Power Requirements

135 watts maximum ±10% (19.5V / AC100-240V)
Energy Star® compliant
Advanced power management - APM-ACPI compatible

Size (H x W x D)
1.8"-1.9" X 14.1" X 11.9"

Approximate Weight
8.2 lbs. with one battery
8.6 lbs. with battery and optical drive

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

Optional Accessories
External USB floppy disk drive (PCGA-UFD5)
Additional battery (PCGA-BP2NX)
USB mouse(PCGA-UMS5), USB mobile mouse(PCG-UMS3/V)
Carrying case (PCGA-CCGX)
Notebook Sport backpack (PCGA-CCP2)
Neoprene Notebook & Adapter Case (PCGA-CCN3)
Additional AC adapter (PCGA-AC19V7)
Port Replicator (PCGA-PRGT1)
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 Camera (PCGA-UVC10)
External Speakers (PCGA-SP1)
USB Bluetooth™ adapter (PCGA-BA1/A)
External DVD±RW / CD-RW drive¹¹ (PCGA-DDRW1)

Service and Warranty Information
One year limited Express Service⁵ (Certain restrictions apply.)
One year limited 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® Money 2003 Standard®
Microsoft® Works
Microsoft® Encarta® Online®

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

Music Software
Sony SonicStage™

Photo Software
Sony PictureGear Studio™

Communication
VAIO Media™ software
Microsoft® MSN® 8.0⁷ and America Online®⁷

Gaming
Microsoft® Age of Empires® 2
Virus, Tools, and Support Software

Symantec® Norton Internet Security™ 2003 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

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.