SONY

COMPACT
disc
Recordable
ReWritable

DVD
ROM

VAIO

VAIO

Now with 16 MB DDR SDRAM!

PCG-GR250
PCG-GR250P
PCG-GR250K

- Mobile Intel® Pentium® III processor 1GHz^2-M
- Hot-swappable multi-bay supports CD-RW/DVD combo drive or optional second battery!
- 256 MB SDRAM and removable 20 GB[4] hard drive
- Integrated 10/100 Base-T Ethernet
- MagicGate™ Memory Stick® media slot

FEATURES

- Mobile Intel® Pentium® III processor 1GHz^2-M supports Enhanced SpeedStep™ technology[3]
- Hot-swappable multi-bay for internal removable CD-RW/DVD combo drive or optional additional battery
- Integrated 10BASE-T/100BASE-TX Ethernet
- MagicGate™ Memory Stick® media slot
- 14.1" XGA TFT screen with dual display support[12]
- 256 MB SDRAM (expandable to 512 MB max.)
- Removable 20 GB[4] hard drive
- AGP-enabled ATI MOBILITY™ RADEON™-D graphics chip with 3D acceleration support
- 133 MHz[2] front side bus
- 16 MB DDR SDRAM
- center Jog Dial™ control with back button!
- High-capacity lithium-ion battery, dual battery capability
- i.LINK® (IEEE 1394) S400 interface[6] supports high-speed digital video, audio, and data transfer capabilities among equipped Sony products
- Optional port replicator available for increased connectivity!
- Integrated V.90 modem
- Extended life battery!
- Available with Microsoft® Windows® XP Home Edition[11], XP Professional[11], or 2000 Professional[11]
- 5.6 lbs.[5] light, 1.4" thin
- 512K byte level two cache (on die)
- Two type one or type II or one type III PC card, with CardBus support
- Built-in stereo speakers

1 Optional.
2 GHz denotes microprocessor internal clock speed; other factors may affect application performance.
3 CPU speed will be reduced under certain operating conditions.
4 GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary.
5 With one battery and weight saver in multi-bay.
6 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.
7 Estimated battery life. Actual battery life may vary on usage.
8 Certain restrictions apply to Express Repair Service.
9 From date of purchase.
10 Requires payment of additional fees or subscription for use.
11 Certain Microsoft software product(s) included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THIS PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during launch of the product, or upon certain reinstallations of the software product or reconfigurations of this computer, and may be completed by Internet or telephone (toll charges may apply).
12 Not available with Microsoft® Windows® 2000 Professional
13 Available with Microsoft® Windows® 2000 Professional Only

Web address: http://www.sony.com/vaio

SPECIFICATIONS

Models
PCG-GR250, PCG-GR250P, PCG-GR250K

Processor
Mobile Intel® Pentium® III processor 1GHz^2-M supports Enhanced SpeedStep™ technology[3]

Cache Memory
512 KB integrated on-die level 2

Bus Speed
133 MHz

Bus Architecture
AGP / PCI

LCD
14.1" XGA (1024x768) TFT
Dual display support[12]

Graphics
ATI MOBILITY™ RADEON™-D graphics chip
16 MB video DDR SDRAM
3D acceleration support

Audio
Windows® sound system compatible with 3D surround

MPEG
MPEG1 and MPEG2 digital video
Supports full screen playback

Standard RAM
256 MB SDRAM (256x1), expandable to 512 MB

Open RAM Slot
1 SO:DIMM

Hard Drive
Removable 20 GB[4]

CD-RW/DVD Combo Drive
Internal removable CD-RW/DVD combo drive

Floppy Drive[1]
External 1.44 MB, 3.5" USB floppy disk drive

Memory Stick® Media Slot
Supports MagicGate™ Memory Stick® media[1]

Hot-Swappable Multi-Bay supports:
• CD-RW/DVD combo drive
• Second battery[1]

Modem
Integrated V.90 modem

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

Keyboard
83 key QWERTY layout
19mm key pitch
3mm stroke

Pointing Device
center Jog Dial™ control with back button
Electro-Static touch pad

Microphone
Monoral mini-jack

Battery
Lithium-ion battery (PCGA-BP2E)
Supports dual battery operation

Battery Life
2.5 - 3.5 hours with one battery[7]
5.0 - 7.0 hours with optional second battery[7]

PC Card Slots
Supports two type one or type II cards or one type III card
CardBus support

Other Interfaces
i.LINK® (IEEE 1394) interface[6], USB (3), RJ-11 modem jack, RJ-45 Ethernet, Memory Stick® media slot, VGA output monitor, parallel, headphone (stereo), mic-in, port replicator, TV out

Port Replicator[1]
DC in, PS/2® keyboard and mouse, USB(2), serial, parallel, VGA output monitor, S-video, RJ-45, NTSC video out, line-in, docking CN

Power Requirements
80 watts maximum (16V / AC100-240V)

Power Management
Energy Star® compliant
Advanced power management - APM-ACPI compatible

Size (H x W x D)
1.4" X 12.3" X 10.3"

Weight
5.6 lbs.[5]
6.3 lbs. with battery and optical drive

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

Optional Accessories
Port Replicator (PCGA-PRGR1)
Additional battery (PCGA-BP2E)
USB mouse (PCGA-UMS1/A)
Carrying case (PCGA-CCF)
Notebook backpack (PCGA-CCP1)
Additional AC adapter (PCGA-AC16V)
Wireless LAN Access Point (PCWA-A200)
Wireless LAN PC Card (PCWA-C100)
External USB Floppy Disk Drive (PCGA-UFD5)

Service
Three years limited Express Service[8]

Limited Warranty
Three years parts and labor

Telephone Support
Hardware: Three years
Software and operating system: 90 days[9]

INCLUDED SOFTWARE

Operating System
GR250: Microsoft® Windows® XP Home Edition[11]
GR250P: Microsoft® Windows® XP Professional[11]
GR250K: Microsoft® Windows® 2000 Professional[11]

Key Pre-Installed Software
Adaptec Easy CD Creator™[13]
Adobe Acrobat® Reader™
Adobe PhotoShop Elements[12]
Adobe Premiere® LE
Arcsoft® PhotoPrinter 2000 Pro
Microsoft® Word 2002[11]
Norton AntiVirus™[13]
PC-Cillin® 2000
Quicken® 2001[13] or 2002[12]
QuickTime™
RealNetworks® Real Jukebox[13]
RealNetworks® RealPlayer®[13]
Sony DigitalPrint[12]
Sony DVgate™
Sony MovieShaker™
Sony OpenMG™ Jukebox[13]
Sony PictureGear™
Sony Smart Capture
Sony SonicStage™[12]
Sony VisualFlow™
VAIO® Support Agent
WinDVD™ 3.1

Online Center
America Online®[10]
Earthlink® Total Access[10]
Microsoft® Internet Explorer[11,10]
Netscape Communicator®[10]
Sony Style Connect

real jukebox® basic

Preloaded with
RealJukebox for Sony