

# SONY



## VAIO

**Now with  
16 MB  
DDR SDRAM!**

### FEATURES

- Mobile Intel® Pentium® III processor 1GHz<sup>2</sup>-M supports Enhanced SpeedStep™ technology<sup>3</sup>
- 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<sup>1,2</sup>
- 256 MB SDRAM (expandable to 512 MB max.)
- Removable 20 GB<sup>4</sup> hard drive
- AGP-enabled ATI MOBILITY™ RADEON™-D graphics chip with 3D acceleration support
- 133 MHz<sup>2</sup> 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<sup>6</sup> 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<sup>11</sup>, XP Professional<sup>11</sup>, or 2000 Professional<sup>11</sup>
- 5.6 lbs.<sup>5</sup> 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 re-installations of the software product or reconfigurations of this computer, and may be completed by Internet or telephone (toll charge 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>

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 any 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. Some pre-installed software titles may not include full documentation. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display.

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# PCG-GR250 PCG-GR250P PCG-GR250K

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

### SPECIFICATIONS

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

**Processor**  
Mobile Intel® Pentium® III processor 1GHz<sup>2</sup>-M supports Enhanced SpeedStep™ technology<sup>3</sup>

**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<sup>1,2</sup>

**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<sup>4</sup>

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

**Floppy Drive<sup>1</sup>**  
External 1.44 MB, 3.5" USB floppy disk drive

**Memory Stick® Media Slot**  
Supports MagicGate™ Memory Stick® media<sup>1</sup>

**Hot-Swappable Multi-Bay supports:**

- CD-RW/DVD combo drive
- Second battery<sup>1</sup>

**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<sup>7</sup>  
5.0 - 7.0 hours with optional second battery<sup>7</sup>

**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<sup>6</sup>, 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<sup>1</sup>**  
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.<sup>5</sup>  
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<sup>8</sup>

**Limited Warranty**  
Three years parts and labor

**Telephone Support**  
Hardware: Three years  
Software and operating system: 90 days<sup>9</sup>

**INCLUDED SOFTWARE**

**Operating System**  
GR250: Microsoft® Windows® XP Home Edition<sup>11</sup>  
GR250P: Microsoft® Windows® XP Professional<sup>11</sup>  
GR250K: Microsoft® Windows® 2000 Professional<sup>11</sup>

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

**Online Center**  
America Online®<sup>10</sup>  
Earthlink® Total Access<sup>10</sup>  
Microsoft® Internet Explorer<sup>11,10</sup>  
Netscape Communicator®<sup>10</sup>  
Sony Style Connect

