

SONY



VAIO

**Striking 14.1"
SXGA+ TFT!**

FEATURES

- Mobile Intel® Pentium® III 1GHz-M² featuring Enhanced SpeedStep™ technology³
- Hot-swappable¹² 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" SXGA+ TFT screen (1400x1050) with dual display¹¹
- 256 MB SDRAM (expandable to 512 MB max.)
- Removable 20.0 GB⁴ hard drive
- AGP-enabled ATI RAGE™ Mobility RADEON™-M graphics chip with 3D acceleration support
- 133 MHz² front side bus
- 8 MB video DDRAM
- center Jog Dial™ control with back button!
- High-capacity lithium-ion battery, dual battery capability
- i.LINK® (IEEE 1394) S400 interface⁶ 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!
- Choice of Microsoft® Windows® Millennium Edition or Microsoft® Windows® 2000 Professional
- About 6 lbs.⁵ light, 1.4" thin
- 512K byte level two cache (on die)
- One or two type II or one type III PC card, with CardBus support
- Built-in stereo speakers

1 Optional.

2 GHz and MHz denote microprocessor internal clock speed; other factors may affect application performance.

3 The processor may be reduced to a lower operating speed when operating on battery power.

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 upon registration.

10 Requires payment of additional fees or subscription for use.

11 Available with Microsoft® Windows® Millennium Edition only.

12 Available on GR170K 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 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. 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-GR170 PCG-GR170K

- **Hot-swappable¹² multi-bay supports CD-RW/DVD combo drive or optional second battery!**
- **Mobile Intel Pentium® III processor 1GHz-M² featuring Enhanced SpeedStep™ technology³**
- **256 MB SDRAM and 20 GB⁴ hard drive**
- **Integrated 10/100 Base-T Ethernet**
- **MagicGate™ Memory Stick® media slot**

SPECIFICATIONS

Model

PCG-GR170 and PCG-GR170K

Processor

Mobile Intel® Pentium® III processor 1GHz-M² featuring Enhanced SpeedStep™ technology³

Cache Memory

512 KB integrated on-die level 2

Bus Speed

133 MHz

Bus Architecture

AGP / PCI

LCD

14.1" SXGA+ (1400x1050) TFT
Dual display¹¹

Graphics

ATI RAGE™ Mobility RADEON™-M graphics chip
8 MB video DDRAM
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 (128 x 2), expandable to 512 MB

Open RAM Slot

O:SO-DIMM

Hard Drive

Removable 20 GB⁴

CD-RW/DVD-ROM Drive

Internal removable CD-RW/DVD combo drive

Floppy Drive¹

External 1.44 MB, 3.5" USB floppy disk drive

Memory Stick® Media Slot

Supports MagicGate™ Memory Stick® media¹

Hot-Swappable¹² Multi-Bay supports:

- CD-RW/DVD combo drive
- Second battery¹

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

Speaker

Built-in stereo speakers

Microphone

Monoral mini-jack

Battery

Lithium-ion battery

Supports dual battery operation

Battery Life

2.0 - 3.0 hours with one battery⁷

4.0 - 6.0 hours with optional second battery⁷

PC Card Slots

Supports two type II cards or one type III card

CardBus support

Other Interfaces

i.LINK® (IEEE 1394) interface⁶, NTSC video out, USB (3),
RJ-11 modem jack, RJ-45 Ethernet, Memory Stick®

media slot, VGA output monitor, parallel, headphone (stereo), mic-in, port replicator

Port Replicator¹

DC in, PS/2® keyboard and mouse, USB(2), serial, parallel, VGA output monitor, S-video, RJ-45, AV-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

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)
Additional AC adapter (PCGA-AC16V)
Wireless LAN Access Point & PC Card (PCWA-A100)
Wireless LAN PC Card (PCWA-C100)
External USB Floppy Disk Drive (PCGA-UF5D)

Service

One year limited Express Service⁸

Limited Warranty

One year parts and labor (90 days without registration)⁹

Telephone Support

Hardware: One year⁹
Software and operating system: 90 days⁹

INCLUDED SOFTWARE

Operating System

GR170: Microsoft® Windows® Millennium Edition
GR170K: Microsoft® Windows® 2000 Professional

Software Applications

Adobe Photoshop® Elements¹¹
Adobe Premiere® LE¹¹
Adaptec Easy CD™ Creator
Microsoft® Word 2002
Norton AntiVirus™
Quicken® 2001
QuickTime™
RealNetworks® RealJukebox® 2 Basic
RealNetworks® RealPlayer® 8 Basic
Sony DVGate™
Sony OpenMG™ Jukebox¹¹
Sony MovieShaker™
Sony PictureGear™
Sony Smart Capture
Sony VisualFlow™¹¹
VAIO® Support Agent
WinDVD® 2000

Online Center

America Online®¹⁰
CompuServe® 2000¹⁰
EarthLink Network TotalAccess®¹⁰
Microsoft® Internet Explorer
Netscape Communicator®
Prodigy Internet®¹⁰
VAIO Support Agent