

SONY



GR390 GR390P GR390K

Sony VAIO® GR-Series Notebook

VAIO

Enormous
15" SXGA+
screen!

FEATURES

- Mobile Intel® Pentium® processor III 1.20GHz¹-M supports Enhanced SpeedStep™ technology²
- 15" SXGA+ TFT screen (1400x1050) with dual display support¹¹
- 512 MB SDRAM
- 30 GB³ hard drive
- 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
- AGP-enabled ATI MOBILITY™ RADEON™-D graphics chip with 3D acceleration support
- 16 MB video DDR SDRAM
- 133 MHz front side bus
- 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 high capacity battery!
- Available with Microsoft® Windows® XP Home Edition⁴, XP Professional⁴, or 2000 Professional⁴
- About 6 lbs.⁵ light, 1.5" thin
- 512K byte level two cache (on die)
- Two type I or type II or one type III PC card, with CardBus support
- Built-in stereo speakers

1 GHz denotes microprocessor internal clock speed; other factors may affect application performance.

2 CPU speed will be reduced under certain operating conditions.

3 GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary.

4 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).

5 Requires payment of additional fees or subscription for use.

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 Available with Microsoft® Windows® 2000 Professional Only

11 Not available with Microsoft® Windows® 2000 Professional

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. 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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SPECIFICATIONS

Models

PCG-GR390P, PCG-GR390K, PCG-GR390

Processor

Mobile Intel® Pentium® III processor 1.20GHz¹-M supports Enhanced SpeedStep™ technology²

Cache Memory

512 KB integrated on-die level 2

Bus Speed

133 MHz

Bus Architecture

AGP / PCI

LCD

15" SXGA+ (1400x1050) TFT
Dual display support¹¹

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

512 MB SDRAM (256 x 2)

Open RAM Slot

0-SO-DIMM

Hard Drive

30 GB³

CD-RW/DVD-ROM Drive

Internal removable CD-RW/DVD combo drive
(R-write 8x; RW-write 4x; DVD-read 8x; CD-read 24x)

Optional Floppy Drive

External 1.44 MB, 3.5" USB floppy disk drive

Memory Stick® Media Slot

Supports optional MagicGate™ Memory Stick® media

Swappable Multi-Bay supports:

- CD-RW/DVD combo drive
- Optional second battery

Modem

Integrated V.90 modem

Ethernet

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

Keyboard

86 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 (PCGA-BP2E)

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 I or type II cards or one type III card

CardBus support

Other Interfaces

i.LINK® (IEEE 1394) interface⁶, TV out, USB (3), RJ-11 modem jack, RJ-45 Ethernet, Memory Stick® media slot, VGA output monitor, parallel, headphone (stereo), mic-in, port replicator interface

Optional Port Replicator

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

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)

1.5" X 12.8" X 10.6"

Weight

6.4 lbs. with battery and weight saver

7.1 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)
Neoprene notebook & AC adapter cases (PCGA-CCN1)
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-UF05)

Service

One year limited Express Service⁸

Limited Warranty

One year limited parts and labor⁹

Telephone Support

Hardware: One year⁹
Software and operating system: 90 days⁹

INCLUDED SOFTWARE

Available Operating Systems

Microsoft® Windows® XP Home Edition⁴
Microsoft® Windows® XP Professional⁴
Microsoft® Windows® 2000 Professional⁴

Key Pre-Installed Software

Adaptec Easy CD Creator™¹²
Adobe Premiere® LE
Arcsoft® PhotoPrinter 2000 Pro
Easy Systems Drag'n Drop CD¹⁰
Microsoft® Word 2002⁴
PC-Cillin®
Intuit® Quicken® 2002 New User Edition
RealNetworks® Real Jukebox¹⁰
RealNetworks® RealPlayer®¹⁰
Sony DigitalPrint™¹¹
Sony DVgate™
Sony MovieShaker™
Sony PictureGear™
Sony Smart Capture
Sony SonicStage™¹¹
Sony VisualFlow™
SPDE Screenblast Acid
SPDE Screenblast Sound Forge
SPDE Everquest™¹¹
VAIO® Support Agent
WinDVD™ 2000
Online Center
America Online®⁵
Earthlink® Total Access⁵



Preloaded with
RealJukebox for Sony