

The thin and powerful full-size mobile solution.



CAPTURE CONTENT¹⁰

Capture content with the i.LINK® port or Memory Stick® media slot. Edit with Sony exclusive software package and incorporate in business documents.

TRUE MOBILITY

Available integrated 802.11b wireless and dual battery capability let you stay connected for longer away from your desk.

PERFORMANCE AND RELIABILITY

Plenty of power, yet thin with large high-resolution screens and full-size keyboard. Who says you can't have it all?

FEATURES

- Mobile Intel® Pentium® 4 processor 1.80GHz¹ - M or Mobile Intel® Celeron® processor 1.70GHz¹
- Available with integrated 802.11b wireless LAN!
- The ultimate notebook for business with roomy hard drive and large 15" screen!
- Hot swappable bay for CD-RW/DVD combo drive or optional second battery
- i.LINK® (IEEE 1394) S400 digital interface⁴
- Memory Stick® media slot



SPECIFICATIONS

Model

PCG-GRS100 BTO Models

Processor (configurable)

Mobile Intel® Pentium® 4 processor 1.80 GHz¹ - M

Mobile Intel® Celeron® processor 1.70 GHz¹

Cache Memory

Pentium: 512 KB integrated on-die level 2

Celeron: 256 KB integrated on-die level 2

Bus Speed

400 MHz

LCD

15.0" XGA (1024x768) TFT display

Graphics

ATI MOBILITY™ RADEON™ 7500

16 MB video DDR SDRAM, Dual display support

Memory (configurable)

256 MB DDR SDRAM (256x1), expandable to 512 MB

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

Hard Drive (configurable)

30 GB³ hard drive

40 GB³ hard drive

Optical Drive

Internal removable CD-RW/DVD combo drive

(R-write 16x; RW-write 10x; DVD-read 8x; CD-RW read 12x; CD-read 24x)

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 Slot

Supports optional Memory Stick® media

Pointing Device / Keyboard

Center Jog Dial™ control with back button

Electro-Static touch pad

QWERTY, 86 keys with 3mm stroke and 19mm pitch

Estimated Battery Life⁴

Lithium-ion battery, supports dual battery operation

2.0-5.0 hours with one battery⁴

4.0-10.0 hours with optional second battery⁴

PC Card Slots

2 type I/type II cards, or 1 type III card with CardBus support

Audio

Windows® sound system compatible

Built-in stereo speakers; monaural mini-jack microphone

Other Interfaces

RJ-11 modem jack, i.LINK® (IEEE 1394) interface³, 3 USB,

TV out, RJ-45 Ethernet, Memory Stick® media slot, VGA out-

put, parallel, headphone (stereo), monaural mini-jack micro-

phone, port replicator connection

Optional Port Replicator (PCGA-PRGR2)

DC in, 2 USB, RJ-45 Ethernet, VGA output, PS/2® keyboard

and mouse, serial, parallel, S-video out, docking CN, TV out

Integrated IEEE 802.11b Wireless LAN® (configurable)

Bus/Interface: mini PCI

Radio frequency band: 2.4GHz (ISM band)

Power Requirements

90 watts maximum ±10% (19.5V / AC100-240V)

Energy Star® compliant

Advanced power management - APM-ACPI compatible

Size (H x W x D)

1.7"-1.8" X 12.9" X 10.7"

Weight

6.9 lbs. with one battery

7.5 lbs. with battery and optical drive

Supplied Accessories

Lithium-ion battery, power cord, AC adapter, phone cable,

and weight saver

Optional Accessories

External USB floppy disk drive (PCGA-UFD5)

Additional battery (PCGA-BP2NX)

USB mouse (PCGA-UMS5)

Carrying case (PCGA-CCGX)

Additional AC adapter (PCGA-AC19V3)

Port Replicator (PCGA-PRGR2)

802.11b Wireless LAN Pro access point (PCWA-A200)

802.11b Wireless LAN Bridge access point (PCWA-A220)

802.11a Wireless LAN access point (PCWA-A500)

802.11a Wireless LAN PC card (PCWA-C500)

Visual Communication Camera (PCGA-UVC10)

External i.LINK® DVD-RW drive (PCGA-DVRW1)

Notebook Sport Backpack (PCGA-CCP2)

Neoprene Notebook & AC Adapter Cases (PCGA-CCN3)

External Speakers (PCGA-SP1)

Service and Warranty Information

One year limited Express Service⁵ (Certain restrictions apply.)

One year limited parts and labor⁶

Telephone Support⁶: One year hardware and 90 days soft-

ware and operating system from purchase date

Operating System (configurable)

Microsoft® Windows® XP Home Edition

Microsoft® Windows® XP Professional

Microsoft® Windows® 2000 Professional

Home and Business Software

Quicken® 2002 New User Edition⁷

Microsoft® Word 2002⁸

Movie and TV Software

Sony DVgate™

Sony MovieShaker™

InterVideo WinDVD™

Music Software

Sony SonicStage™

Screenblast™ ACID™ (XP Home Edition only)

Screenblast™ SoundForge® (XP Home Edition only)

Photo Software

Adobe Photoshop Elements Trial Version

Sony Network Smart Capture

Sony PictureGear Studio™

Online Center

America Online®⁷

RealNetworks® Real One Player

Virus, Tools, and Support Software

Trend Micro PC-Cillin⁷

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 with registration.
- 6 Wireless LAN access point sold separately. Sony cannot fully guarantee the security of wireless communications.
- 7 Requires fees for use.
- 8 Existing users may be required to pay upgrade fee.
- 9 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 charges may apply).
- 10 Camcorder and i.LINK cable sold separately.

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. Pre-installed software may not be identical to retail versions or have all documentation.

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Sony recommends Microsoft® Windows® XP Professional for Mobile Computing.