



# Beauty, power and performance for pure mobile joy.

## Feature-Packed Mobility

Wide display and generous keyboard, yet weighs just around 4 lbs. Long battery life and integrated wireless give you the essentials you need for mobile survival.

## Brilliant Performance

High resolution 13.3" wide-screen with XBRITE™ LCD technology lets you see more of your pages and spreadsheets. Smart Display Sensor™ instantly adjusts resolution when connecting compatible to display and presentation devices.

## Integrated Multimedia Features

Create multimedia presentations, training, or video reports with digital photos, graphics, music and video clips for websites, email, presentations and DVD.

## Centrino™ Mobile Technology

Sony VAIO notebooks with Intel® Centrino™ mobile technology with integrated wireless LAN enables longer battery life in light, easy to carry designs. Wireless LAN support lets you connect to thousands of Hotspots across the country to check email, surf the web and stay connected<sup>3</sup>.

## VGN-S170/ VGN-S170P CTO Notebook

VAIO® S Series notebooks are packed with unique and powerful features designed to enhance your productivity and entertainment on the road and beyond. Generous screen and keyboard won't cramp your style whether on a plane or at a hotspot.

### Model

VGN-S170/S170P CTO

### HARDWARE

#### Processor (Configurable)<sup>1</sup>

- Intel® Pentium® M Processor 755 (2GHz, 2MB L2 Cache)
- Intel® Pentium® M Processor 745 (1.80GHz, 2MB L2 Cache)
- Intel® Pentium® M Processor 735 (1.70AGHz, 2MB L2 Cache)
- Intel® Pentium® M Processor 715 (1.50AGHz, 2MB L2 Cache)
- Intel® Pentium® M Processor 1.50GHz (512kb L2 Cache)
- Intel® Celeron® M Processor 1.40GHz (512kb L2 Cache)

#### Front Side Bus Speed

400MHz

#### Chipset

Intel® 855PM

#### Hard Drive (Configurable)<sup>2</sup>

40GB (4200rpm), 60GB (4200rpm), 80GB (4200rpm), 80GB (5400rpm)

#### Integrated Wireless LAN (Configurable)

Intel® PRO/Wireless 2200BG Network Connection (802.11b/g)<sup>3</sup> or none

#### Bluetooth™ (Configurable with WLAN option)

Integrated Bluetooth™ Technology<sup>12</sup> or none

#### LCD

13.3" WXGA or 13.3" WXGA with XBRITE™ Technology (1280x800)

#### Graphics (Configurable)

ATI Mobility™ Radeon™ 9700

ATI Mobility™ Radeon™ 9200

#### Video RAM (Configurable)

64MB (w/ 9700)

32MB (w/ 9200)

#### Memory (Configurable)

1GB (512MBx2/Micro DIMM DDR333),

512MB (512MBx1/Micro DIMM DDR333),

512MB (256MBx2/Micro DIMM DDR333),

256MB (256MBx1/Micro DIMM DDR333)

#### Memory Max

1GB

#### Optical Drive (Configurable)

DVD-RW/CD-RW Drive<sup>4</sup>

CD Read (24x MAX), CD-R Write (16x MAX)

CD-RW Read (12x MAX), CD-RW Write (8x MAX)

DVD Read (8x MAX), DVD-R Read (4x MAX)

DVD-RW Read (4x MAX), DVD+R Read (4x MAX)

DVD-RW Read (4x MAX), DVD-R Write (2x MAX)

DVD-ROM/CD-RW Combo Drive

CD Read (24x MAX), CD-R Write (24x MAX)

CD-RW Read (24x MAX), CD-RW Write (10x MAX)

DVD Read (8x MAX), DVD-R Read (4x MAX)

DVD-RW Read (4x MAX), DVD+R Read (4x MAX)

DVD+RW Read (4x MAX)

#### Modem

Integrated V.90 Modem with RJ-11 interface

#### Ethernet

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

#### Memory Stick® Media Slot

Supports optional Memory Stick, Memory Stick PRO™ 5

#### PC Card Slots

One PCMCIA - Type II/Type I card slot with CardBus support

#### Audio

Windows® sound system compatible, Built-in stereo speakers

#### Audio Interface

Monaural mini microphone jack, Stereo mini headphone jack

#### Graphics Interface

VGA out w/ Smart Display Sensor™

#### Optional Port Replicator Interfaces (VGP-PRS1)

3 USB 2.0, Ethernet, VGA, DVI-d, printer, DC in

#### Other Interfaces

i.LINK® connector(IEEE 1394)<sup>6</sup>, 2 USB

2.0 ports, port replicator connector

#### Pointing Device

Electro-Static touch pad

#### Keyboard

QWERTY, 82 keys with 2mm stroke and 18.05mm pitch

#### Power Requirements

68W+10%

#### Battery (Configurable)

Standard:Lithium-ion Battery (PCGA-BPS2)

Large-capacity Lithium-ion Battery (PCGA-BPL2)

#### Estimated Battery Life

Standard Battery: 1.5-5.5 hours<sup>7</sup>

#### Optional Floppy Drive

External 1.44 MB, 3.5" USB floppy drive (PCGA-UFD5)

#### Weight

4.2 lbs. with standard battery

(weights are approximate and may vary by components)

**Size (W x H x D w/ standard battery)**  
12.3" x 1.16" x 8.85"

#### Supplied Accessories

Standard or large capacity Lithium-ion battery, Power cord & AC adapter

#### Optional Accessories

Rechargeable Battery Pack (VGP-BPS2)

Rechargeable Large Battery Pack (VGP-BPL2)

Port Replicator (VGP-PRS1)

AC Adapter (PCGA-AC16V6)

802.11 a/b/g Wireless LAN Router Access Point (PCWA-AR800)

802.11 a/b/g Wireless LAN Ethernet Converter (PCWA-DE80)<sup>8</sup>

Visual Communication Camera (PCGA-UVC11A)

Slim Carrying Case (PCGA-CCB2)

Carrying Case (PCGA-CCV)

Notebook Backpack (PCGA-CCP3)

Neoprene notebook and AC adapter cases (VGP-AMC1)

Wireless optical mouse (PCGA-WMS5/S)

USB Mobile Mouse- Black (PCGA-UMS3/B)

USB Mobile Mouse- Silver (PCGA-UMS3/S)

USB Optical VAIO Mouse (PCGA-UMSS)

Memory Card Adapter (VGP-MCA10)

512MB memory expansion module (VGP-MM512)

60GB External Hard Drive (PCGA-HDM06)<sup>2</sup>

External Floppy Disk Drive (PCGA-UFD5)

External DVD±RW (PCGA-DDRW2)

### SOFTWARE

#### Operating System (Configurable)

Microsoft® Windows®

XP Home Edition

or

Microsoft® Windows®

XP Professional

#### VAIO® Creation Suite Software

Sony Click to DVD™ software (w/DVD-RW drive option)

Sony DVGate Plus™ software

Sony SonicStage® software

Sony Picture Gear™ Studio software

Sony VAIO Media™ software

#### VAIO® S Series Software Bundle

Network Smart Capture (w/ Bluetooth™ option)

Sony BlueSpace™ software (w/ Bluetooth™ option)

Sony VAIO Recovery Wizard software

Sony VAIO Help and Support software

#### Adobe® Acrobat® Reader

Intuit Quicken® 2004 New User Edition (VGN-S170)<sup>11</sup>

InterVideo® WinDVD®

EasySystems Dragn' Drop CD+DVD (w/DVD-RW drive option)

Microsoft® Works 7.0

#### Anti-Virus Software

Norton® Internet Security™ 90-Day Subscription

#### Internet Services

AOL Online™ 90-day Trial<sup>8</sup>

#### Optional Software

Microsoft Office® 2003 60-Day Trial (Student/Teacher or Small Business Edition depending on OS)<sup>9</sup>

Microsoft® Office 2003 (Standard, Small Business, or Professional Edition)

Adobe® Photoshop® Elements

Adobe Photoshop Album Starter Edition

Adobe Premiere® (Standard or Professional Edition)

Sony SonicStage® Mastering Studio software with MP3 encoder

#### Limited Warranty

1 Year Battery

1 Year Hardware Parts and Labor<sup>9</sup>

#### Repair Service

Includes customer-replaceable part service and mail-in Sony depot service options<sup>10</sup>

#### Telephone Support

1 year of 24-hour, 7-day-a-week, free support for hardware issues.

90 days of free support for software and operating system issues.

#### On-line and Email Support

Free support available from <http://www.sony.com/pcsupport>

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. A portion of hard disk space is reserved as a recovery partition.

3. Requires compatible wireless LAN access point, sold separately. Internet connection may require fees.

4. DVD Media/Formats are not universally compatible.

5. Supports Memory Stick PRO™ high-capacity media tested up to 1GB. Does not support MagicGate™ functionality.

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 and configuration options selected.

8. New users only. Terms and conditions apply.

9. Certain restrictions apply. For a copy of Sony's warranty, please visit [www.sony.com/pcsupport](http://www.sony.com/pcsupport), call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.

10. Type of repair service provided is solely at Sony's discretion. Not all types of repair service offered on all models.

11. Previous Quicken users may require additional upgrade.

12. Interoperability among Bluetooth devices varies. Please see website ([www.sonystyle.com](http://www.sonystyle.com)) for compatibility details.

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 operate 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 options 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. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

(c)2004 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, i.LINK, SonicStage, Memory Stick and VAIO are registered trademarks of Sony. XBRITE, ErgoBright, Smart Display Sensor, Memory Stick PRO, MagicGate, DVgate Plus, VAIO Media, Picture Gear Studio and Like No Other are trademarks of Sony. Intel, Pentium, and Celeron are registered trademarks, and Centrino is a trademark of Intel Corporation. Microsoft and Windows are registered trademarks of Microsoft Corporation. All other trademarks are trademarks of their respective owners. Printed in U.S.A. 5/04



Sony recommends  
Microsoft® Windows®  
XP Professional