

Overview

Special Features

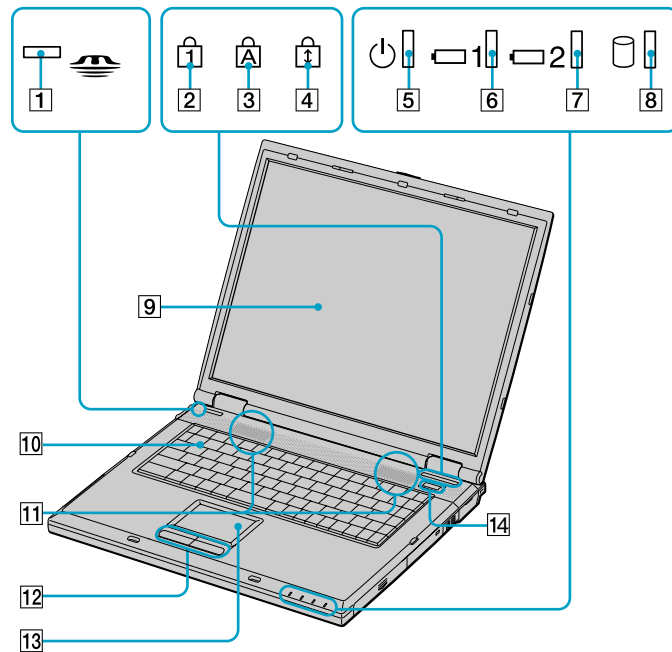
- ❑ **Enjoy Pictures** — Create your own digital photo albums with exclusive PictureGear Studio™ software
- ❑ **Digital Video Creation** — Connect your digital camcorder to capture, edit, and create video
- ❑ **Music and Entertainment** — Make custom CDs with SonicStage™ software¹
- ❑ **Go Wireless** — Use the 802.11b wireless PC Card to connect²

Software

- ❑ **Microsoft® Windows® Operating System** — Includes Microsoft® Windows® 2000 Professional, Microsoft® Windows® XP Professional, or Microsoft® Windows® XP Home Edition operating system
- ❑ **Audio and Video Authoring, Viewing, and Sharing** — Powerful applications for creating and sharing your own movies and managing sound and music files

Hardware

- ❑ **Exceptional Performance** — Fast Mobile Intel® Pentium® 4 processor-M supports Enhanced Intel® SpeedStep™ technology³
- ❑ **Power** — High-capacity lithium-ion battery (supports dual battery operation)
- ❑ **Portability** — As light as 8.0 lbs. and approximately 1.8" thin
- ❑ **Usability** — Large display, generous hard disk drive, expandable memory:
 - ❑ 16.1" UXGA TFT or 16.0" SXGA TFT
 - ❑ 60, 40, or 30 GB⁴ removable hard disk drive
 - ❑ 256 MB, 512 MB, or 1 GB⁵ DDR SDRAM (maximum 1 GB)
- ❑ **Connectivity** —
 - ❑ i.LINK® (IEEE 1394) port⁶
 - ❑ Memory Stick® media slot
 - ❑ USB ports (3)
 - ❑ VGA port
 - ❑ Audio In/Out jacks
 - ❑ AV Out jack
 - ❑ Integrated Modem and Ethernet connectivity
 - ❑ Parallel (printer) port
 - ❑ Port replicator (optional)



Front Panel

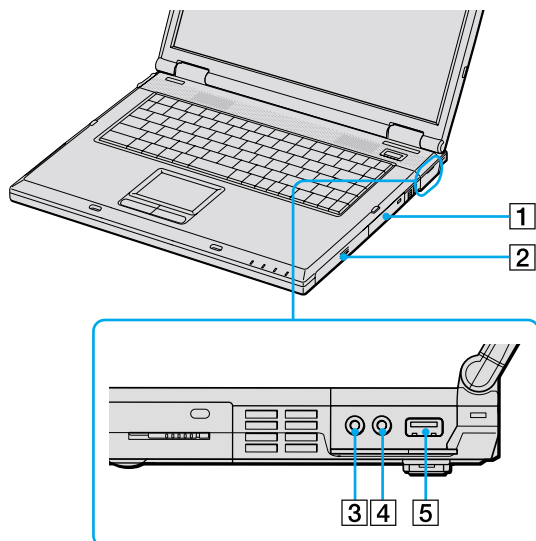
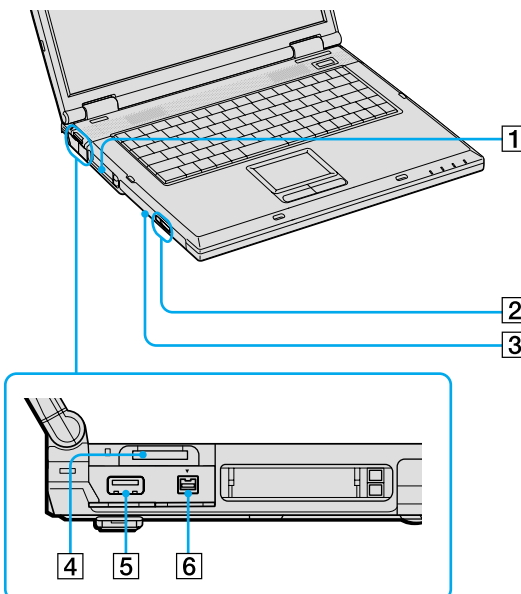
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|---|-------------------------------|----|---------------------------|
| 1 | Memory Stick® media indicator | 8 | Hard Disk Drive indicator |
| 2 | Num Lock indicator | 9 | LCD screen |
| 3 | Caps Lock indicator | 10 | Keyboard |
| 4 | Scroll Lock indicator | 11 | Speakers |
| 5 | Power indicator | 12 | Left/Right buttons |
| 6 | Battery 1 indicator | 13 | Touchpad |
| 7 | Battery 2 indicator | 14 | Power Button |

- 1 Software available only on models with the Microsoft Windows XP operating system.
- 2 Wireless PC Card available for selected models with mail-in rebate.
- 3 The processor may be reduced to a lower operating speed under certain conditions.
- 4 GB means one billion bytes when referring to hard disk drive capacity. Accessible capacity may vary.
- 5 One gigabyte is equal to 1,024 megabytes.
- 6 i.LINK is a trademark of Sony used to designate that a product contains an IEEE 1394 connection. The i.LINK connection may vary, depending on the software applications, operating system, and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other. Please refer to the documentation that came with your compatible i.LINK device for information on operating conditions and proper connection. Before connecting compatible i.LINK PC peripherals to your system, such as a CD-RW or hard disk drive, confirm their operating system compatibility and required operating conditions.

Left Panel

- 1 PC Card slot
- 2 Eject button
- 3 Multipurpose bay¹
- 4 Memory Stick® media slot
- 5 USB port
- 6 i.LINK® (IEEE 1394) S400 port

¹ This multipurpose bay can house either optical disc drive or optional second battery.

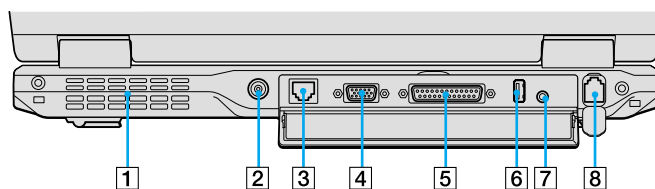


Right Panel

- 1 Hard disk drive (removable)
- 2 Battery bay
- 3 Headphone jack
- 4 Microphone jack
- 5 USB port

Back Panel

- 1 Air vent
- 2 DC In port
- 3 Ethernet port
- 4 VGA port
- 5 Printer port
- 6 USB port
- 7 AV Out jack
- 8 Telephone line jack



Standard Features

<i>Feature</i>	<i>Description</i>
Processor¹	Available: Mobile Intel® Pentium® 4 processor 1.80 GHz ² -M, 2.20 GHz ² -M, or 2.40 GHz ² -M or Mobile Intel® Celeron® processor 1.70 GHz ²
L2 Cache Memory	Available: Mobile Intel® Pentium® 4 processor = 512 KB (CPU Integrated) or Mobile Intel® Celeron® processor = 256 KB (CPU Integrated)
Hard Disk Drive¹	Available: 30, 40, or 60 GB ³
C/D Partition	C = 15 GB (NTFS), D = remainder (NTFS) (approximation)
Standard RAM¹	Available: 256 MB, 512 MB, or 1 GB ⁴ DDR SDRAM ⁵ (Unbuffered DDR266 CL2.5 DDR SDRAM gold lead contacts)
LCD Screen¹	Available: 16.1" UXGA TFT or 16.0" SXGA TFT
Graphics	ATI MOBILITY™ RADEON™ 7500
Video RAM	32 MB DDR SDRAM
Sound Capabilities	Windows® sound system compatible
Optical Disc Drive¹	Available: CD-RW/DVD-ROM Drive or DVD ±RW Drive CD-RW/DVD-ROM Drive: up to 24x max. CD-ROM reading speed, up to 10x max. CD-RW writing speed, up to 24x max. CD-R writing speed DVD ±RW Drive: up to 24x max. CD-ROM reading speed, up to 8x max. CD-RW writing speed, up to 16x max. CD-R writing speed, up to 1x DVD-RW writing speed, up to 1x DVD-R writing speed, up to 2x DVD+RW writing speed, up to 2x DVD+R writing speed
Laser Diode Properties	CD-RW/DVD-ROM Drive wave length: 784 nm (CD-RW) and 662 nm (DVD) CD-RW/DVD-ROM Drive laser output: 180 μW (CD-RW) and 6 μW (DVD) DVD ±RW Drive wave length: 784 nm (CD-RW) and 658 nm (DVD) DVD ±RW Drive laser output: 180 μW (CD-RW) and 74.1 μW (DVD)
Memory Stick media	One slot (supports MagicGate™ Memory Stick® and Memory Stick® media)
Modem	V.90 compatible modem ⁶
Expansion Capabilities	Two Type I or II PC Cards, or one Type III PC Card, with CardBus support
Connection Capabilities	3 USB ports Modem line (RJ-11) jack i.LINK® (IEEE 1394) port ⁷ Monitor (VGA) port Network (Ethernet) port (10BASE-T/100BASE-TX) Printer (parallel) port Microphone jack Headphone jack A/V Out jack Port replicator
Supplied Accessories¹	Rechargeable battery AC adapter and power cord Weight saver

<i>Feature</i>	<i>Description</i>
Power Source	19.5V DC/AC 100-240V
Power Management	Energy Star® Compliant Advanced Configuration and Power Interface (ACPI)
Battery	Lithium-ion
Battery charge time	Approximately 3.0 to 3.5 hours (100% charge)
Dimensions	Models with 16.1" UXGA TFT LCD screen: 14.0" (w) x 1.6" - 1.8" (h) x 11.5" (d) (355 mm x 39.8 mm - 44.4 mm x 292 mm) Models with 16.0" SXGA TFT LCD screen: 14.0" (w) x 1.6" - 1.8" (h) x 11.8" (d) (355 mm x 39.9 mm - 44.4 mm x 295 mm)
Weight	Models with 16.1" UXGA TFT LCD screen: 7.8 lbs. (3.6 kg) with one battery; 8.3 lbs. (3.8 kg) with battery and optical disc drive Models with 16.0" SXGA TFT LCD screen: 8.1 lbs. (3.7 kg) with one battery; 8.6 lbs. (3.9 kg) with battery and optical disc drive
Operating Temperature	40° F to 95° F (5° C to 35° C)
Operating Humidity	20% to 80% (not condensed), provided that humidity is less than 65% at 95° F (35° C), hygrometer reading of less than 84° F (29° C)
Storage Temperature	-4° F to 140° F (-20° C to 60° C) (temperature gradient less than 18° F (10° C/hour)
Storage Humidity	10% to 90% (not condensed) provided that humidity is less than 20% at 140° F (60° C), hygrometer reading of less than 95° F (35° C)

1 Certain specifications differ depending on the specific configuration you purchased.

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

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

4 One gigabyte is equal to 1,024 megabytes.

5 Your system may contain additional memory installed at the time of purchase.

6 Maximum speed for faxing is 14.4 Kbps. Your modem is capable of downloading at 53 Kbps using V.90/56Kflex. Your online service or Internet Service Provider may not support this technology or operate at this speed.

7 i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connection. The i.LINK connection may vary, depending on the software applications, operating system, and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other. Refer to the documentation that came with your compatible i.LINK device for information on operating conditions and proper connection. Before connecting compatible i.LINK PC peripherals to your system, such as CD-RW or hard disk drive, confirm their operating system compatibility and required operating conditions.

Available Accessories

Options	Descriptions	Model Names
Processor*	Mobile Intel® Pentium® 4 processor: 1.80 GHz [†] -M 2.20 GHz ² -M 2.40 GHz ² -M Or a Mobile Intel® Celeron® processor 1.70 GHz [†]	
Standard RAM	256 MB, 512 MB, or 1 GB [‡] DDR SDRAM ^{**} (Unbuffered DDR266 CL2.5 DDR SDRAM gold lead contacts).	
Monitors	Connect a Sony monitor, Sony projector, or a television as an external display. See the manual that came with your display for more information on its installation and use. Display cables required.	
Drive	External USB floppy disk drive External DVD-RW Drive ^{††}	PCGA-UFD5 PCGA-DVRW1
i.LINK® (IEEE 1394) Devices¹	Connect only compatible i.LINK devices, using the following i.LINK cables: 1.5-meter, 4-pin connector 1.5-meter, 4-pin connector at one end and 6-pin connector at the other end 3.5-meter, 4-pin connector	VMC-IL4415A VMC-IL4615A VMC-IL4435A
USB Devices	Sony USB mouse Sony optical mouse with Memory Stick® media slot USB Visual Communication Camera	PCGA-UMS1/A MSAC-US5 PCGA-UVC10
Memory Stick® Media²	32 MB 64 MB 128 MB	MSA-32A MSA-64A MSA-128A
Multimedia	External Speakers Sony digital Handycam® camcorder Sony digital still camera Sony projector	PCGA-SP1
Wireless Connectivity	IEEE 802.11b Wireless LAN PC Card IEEE 802.11b Wireless LAN Pro Access Point IEEE 802.11b Wireless LAN Bridge Access Point IEEE 802.11a Wireless LAN PC Card IEEE 802.11a Wireless LAN Access Point	PCWA-C150S PCWA-A200 PCWA-A220 PCWA-C500 PCWA-A500
Network Connectivity	Network compatible with third-party PC card network interface	

<i>Options</i>	<i>Descriptions</i>	<i>Model Names</i>
Other Connectivity	Port replicator Personal Digital Assistant (PDA) or Sony CLIE™ handheld device	PCGA-PRGX1
Power	AC adapter Supports dual battery operation Lithium-ion battery	PCGA-AC19V3 PCGA-BP2NX
Carrying Case	VAIO® Notebook Carrying Case Large This custom-designed carrying case easily holds your VAIO notebook and accessories. VAIO® Notebook Sport Backpack Comfortable, convenient and sporty design. An excellent mobile solution for active commuting professionals. VAIO® Notebook and AC Adapter Cases Protect your notebook PC and AC Adapter in durable and water-resistant cases. Use the AC adapter case to manage cords.	PCGA-CCGX PCGA-CCP2 PCGA-CCN3

* Certain specifications differ depending on the specific configuration you purchased.

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

‡ One gigabyte is equal to 1,024 megabytes.

** Your system may contain additional memory installed at the time of purchase.

†† Option not available for models that come with an installed DVD-RW or DVD±RW Drive.

Software

Preinstalled software may not be identical to retail versions or have all documents.

Application	Description
Adobe® Acrobat® Reader® <i>Adobe Systems Inc.</i>	Acrobat Reader software enables you to view, navigate, and print electronic documents in Adobe's Portable Document Format (PDF), an open file format intended to preserve the fidelity of documents created on many major computer platforms.
Adobe® Photoshop® Elements <i>Adobe Systems Inc.</i>	Using state-of-the-art image editing tools, you can unleash your artistic ability and create digital images for print, e-mail, and posting to the Web. The versatile image capturing options enable you to start working with digital and traditional photos immediately. Explore extensive creative possibilities for your personal images with Adobe Photoshop Elements software.
Adobe® Premiere® LE <i>Adobe Systems Inc.</i>	Adobe Premiere LE software offers interface and editing tools for producing movies for video, multimedia, or the Web. View source clips and edited footage simultaneously on-screen. You can create your own personal video clips that are up to three hours in length, with complete audio-video synchronization.
America Online® <i>America Online, Inc.</i>	America Online is a popular Internet online service. Stay in touch with family and friends with easy-to-use e-mail. Manage your personal finances, get the latest news and sports scores, and chat with thousands of others who share your interests.
AT&T WorldNet® Service <i>AT&T Corp.</i>	AT&T WorldNet Service offers fast, reliable Internet access. Customer benefits include Web-based e-mail, video e-mail, multiple e-mail accounts, free Web pages, online and live agent technical support, instant messaging, and parental controls.
Boingo Wireless, Inc. <i>Boingo Wireless™</i>	Boingo Wireless offers Wi-Fi access in hundreds of hot spot locations, including airports, hotels, coffee shops and other public spaces. Experience the Internet up to 100 times faster than dial-up, and enjoy being totally mobile.
Click to DVD™ <i>Sony Electronics Inc.</i>	At the touch of a button, Click to DVD software allows you to automatically burn DVDs from a digital video device. Create DVDs by capturing video content straight from a digital video (DV) device or stored video files — and you can also edit the video if desired. Create DVD photo albums and slide shows, with picture files or pictures from a digital still camera. What's more, you can easily give a professional look to your DVDs by adding chapter menus, backgrounds, and menu screens. You're only a few clicks away from your own DVDs!
Drag N Drop CD + DVD <i>DigiOn, Inc., and Easy Systems Japan Ltd.</i>	Drag'n Drop CD+DVD software is designed to make CD and DVD creation simple. You can create you own audio or data CDs and data DVDs. These discs can be read in most audio CD players or personal computers. With Drag'n Drop CD/DVD software, you can also back up CDs.
DVgate™ <i>Sony Electronics Inc.</i>	Connect a compatible digital video camera to your computer's i.LINK® port and capture video clips and still images. You can edit clips from your video, add new clips, and combine clips into new movie segments. You can also save your images in a variety of popular file formats.
EarthLinkSM Total Access® <i>EarthLink, Inc.</i>	EarthLink, one of the world's largest Internet Service Providers, offers dial-up and broadband access to the Internet. Member benefits include e-mail, newsgroups, a Personal Start Page, free storage space for your personal Web site, a member magazine, and 24-hour technical support.

Application	Description
Microsoft® Office XP Professional Microsoft Corp. <i>Preinstalled software may not be identical to retail versions or have all documents.</i>	Microsoft Office XP Professional software redefines the relationship between people and software by providing a smarter, simpler way of working. New Office XP Professional software features include context-sensitive smart tags, enhanced formatting options, and more, that enable you to continually integrate additional services into Office and access information anytime. The Office XP Professional suite includes Word, Excel, Outlook®, PowerPoint®, and Access.
Microsoft® Office XP Small Business Edition Microsoft Corp. <i>Preinstalled software may not be identical to retail versions or have all documents.</i>	Microsoft Office XP Small Business Edition helps you get work done more quickly by providing real-time, context-sensitive options for important actions, from formatting to error correction. Task panes consolidate important tasks into a single integrated view, enabling you to conduct searches, launch and format documents, and view the contents of your Clipboard from one location. The Office XP Small Business Edition suite includes Word, Excel, Outlook®, and Publisher.
Microsoft® Encarta® Online Microsoft Corp. <i>Preinstalled software may not be identical to retail versions or have all documents.</i>	Encarta® Online, the online version of the popular encyclopedia, includes more than 47,000 encyclopedia articles, many with multimedia features such as video and audio clips. You'll also find links to trusted Web sites with even more information. An interactive world atlas lets you zoom in on a particular region or country.
Microsoft® Money 2003 Standard Microsoft Corp. <i>Preinstalled software may not be identical to retail versions or have all documents.</i>	Microsoft® Money 2003 Standard provides a quick and easy way to organize and manage your personal finances. New features include auto-balancing, a bills estimator, spending comparison reports, and investment reminders. Save time organizing and managing your cash flow and balancing your checkbook. Create and track a budget, pay your bills, organize your finances, and view a complete picture of your financial health all in one place.
Microsoft® MSN 8 Microsoft Corp.	MSN 8.0 combines fast, reliable service with innovative Microsoft software to make the Web more useful for you and your family. The new MSN 8 includes smart features such as automatic e-mail virus protection services, an intelligent junk mail filter, powerful parental controls, and easy switching tools.
Microsoft® Works Microsoft Corp. <i>Preinstalled software may not be identical to retail versions or have all documents.</i>	Works lets you quickly and easily create high-quality, fun documents. Works provides the core tools you need to create documents, manage lists and schedules, create reports and budgets and organize information from many sources. Works includes Word Processor, Works Database, Works Spreadsheet, Works Portfolio, and Works Calendar.
MoodLogic MoodLogic, Inc.	MoodLogic is the world's largest descriptive database of song information. Information provided directly from music lovers like you. MoodLogic allows you to browse the songs by artist and genre, narrow your selections by tempo or year, save your favorite playlist and transfer it to a portable player.
MovieShaker™ Sony Electronics Inc.	MovieShaker software creates personal movies that have transitions, background music, special effects, and text. Just import your video clips, and "shake" with a click of the mouse. Your personal movies are easy to create and fun to share with family and friends.
Network Smart Capture Sony Electronics Inc.	Network Smart Capture captures images and video from any Sony Digital Camcorder that supports a standard i.LINK connection. Send your video or still images through e-mail or upload them to the ImageStation SM service. You can use the Web camera function to automatically upload your captured images.
PC-cillin® Trend Micro, Inc.	PC-cillin antivirus software provides complete, easy-to-use, Internet-era virus protection at your computer's entry points (including beaming, synchronization, and Internet access) to defend against potential threats hidden inside files, e-mail, or on the Web. (Subscription required after initial evaluation period.)

<i>Application</i>	<i>Description</i>
PicoPlayer™ <i>Sony Electronics Inc.</i>	PicoPlayer software is a video player utility that enables you to use Giga Pocket™ Personal Video Recorder functions on a computer that does not have Giga Pocket™ Personal Video Recorder installed. You can play Video Capsules created by Giga Pocket™ Personal Video Recorder, and, if a Giga Pocket server is available on your home network, watch TV streamed from the Giga Pocket Server or video capsules and remotely control the Giga Pocket Server's TV programming functions.
PictureGear Studio™ <i>Sony Electronics Inc.</i>	PictureGear Studio still image management software displays still images from your hard drive or a Sony digital still camera. The still images appear in a convenient light-table format so that you can easily view the contents of an entire folder, create your own photo albums and make prints.
Quicken® 2003 New User Edition <i>Intuit Inc.</i>	Quicken software is a fast, easy way to organize your finances. Quicken software works just like your checkbook, so it's easy to learn and use. You can even pay your bills online. Quicken software manages all of your finances, bank accounts, credit cards, investments, and loans. (Users of earlier versions of Quicken software must upgrade for a fee.) Upgrade possible to Quicken® Deluxe, and other versions.
QuickTime <i>Apple Computer, Inc.</i>	The versatile QuickTime software plays many different kinds of media files, including video, audio, and virtual reality (VR) movies. You can play QuickTime files (referred to as "QuickTime movies") using QuickTime Player or any other application, such as a Web browser or word processor, that supports QuickTime software.
RealOne™ Player <i>RealNetworks, Inc.</i>	RealOne™ Player is an all-in-one digital media player that lets you find everything and play anything. RealOne Player fuses a streaming media player, jukebox, browser and new content discovery services all in one application. Play CDs, MP3s and internet radio stations from anywhere in the world. View video clips and movies with the same player. Download music directly to your Sony MiniDisc™ Walkman or your Sony Memory Stick™ Walkman.
SonicStage™ <i>Sony Electronics Inc.</i>	The SonicStage jukebox application gives you all the tools you need to manage music on your computer. SonicStage software sports high-quality digital audio storage, a music visualizer, a sleek player skin design, audio CD burning capability (on computer models that include a CD recording device), and a parametric equalizer for fine-tuning audio playback.
Sony on Yahoo! <i>Yahoo! Inc.</i>	Personalize your own Web portal with Sony on Yahoo! Get a free Web mail account, customized news and local weather reports, comics, instant messaging, and more.
Sony® ScreenBlast™ ACID <i>Sony Pictures Digital Entertainment</i>	With the powerful Sony ScreenBlast ACID software you can create royalty-free music by utilizing its loop-based production tool, including unlimited tracks and enhanced effects.
Sony® ScreenBlast™ Sound Forge® <i>Sony Pictures Digital Entertainment</i>	Sony ScreenBlast™ Sound Forge® software enables you to record, edit, and process mono or stereo audio files for your multimedia or Internet projects. Whether you want to use a number of professional effects, convert video into streaming media, or synchronize audio to video—this software has everything you need to create rich, immersive multimedia and Internet content.
Sony® VAIO Hints and Tips <i>Sony Electronics Inc.</i>	VAIO Hints and Tips provides helpful information about using your computer's preinstalled hardware and software. You can find suggestions on improving system performance, answers to frequently asked questions, and creative ways to tap into your computer's multimedia capabilities. As you become familiar with your computer's features, your creative VAIO® computer experience expands.

<i>Application</i>	<i>Description</i>
Sony® VAIO® Product Registration <i>Sony Electronics Inc.</i>	VAIO Product Registration is an integrated registration application for both Sony Electronics and Microsoft. By registering to Sony Electronics, the VAIO owners become eligible for the extended warranty offered by Sony depending on the machine purchased. Microsoft directs the data to Sony Electronics. Sony uses the registration data for warranty purposes and the analysis of customer feedback on Sony computer features.
VAIO Edit Components <i>Sony Electronics Inc.</i>	VAIO Edit Components is a software plug-in for Adobe® Premiere® software that provides maximum compatibility and video quality for capturing video from your Sony digital camcorder. If your VAIO computer does not have Adobe Premiere software preinstalled and you subsequently purchase this software, install the VAIO Edit Component plug-in to ensure compatibility with Sony digital camcorders.
VAIO Media™ <i>Sony Electronics Inc.</i>	VAIO Media™ software brings multimedia to your network, enabling you to share music, video, and still image files between your VAIO computers. You can set up one or more computers as “media servers,” which store your multimedia files and make them available to the other VAIO computers on your wired or wireless network.
VAIO Support Agent <i>Sony Electronics Inc.</i>	VAIO Support Agent provides immediate, interactive, online support with information about your preinstalled software and answers to frequently asked questions.
WinDVD 4 for VAIO® <i>InterVideo, Inc.</i>	WinDVD is a simple-to-use DVD player that offers all the features you would expect to find in a standard consumer DVD player, including advanced display and navigation features such as zoom, pan, bookmark, and time search.

To Contact Sony

Visit the Sony VAIO® B2B Web site at: www.sony.com/VAIOB2B

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