

## Overview

### Special Features

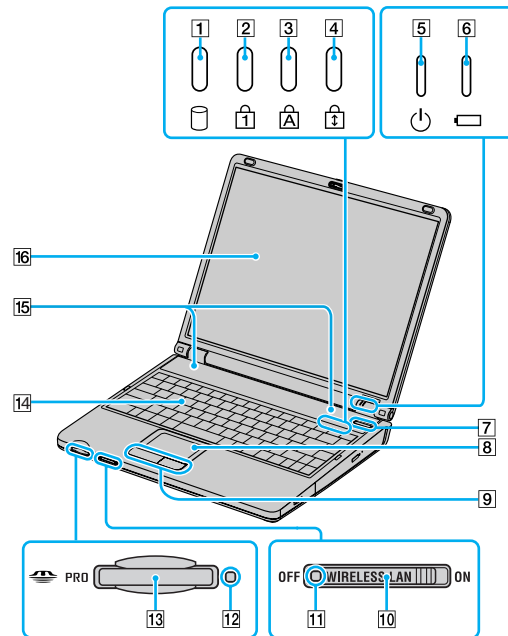
- ❑ **Wireless Freedom** — Connect to thousands of hotspots across the country to instant message, check mail, and search the Web<sup>1</sup>
- ❑ **Easily Burn DVDs** — Turn video into a DVD with a built-in DVD±RW drive and Sony's exclusive Click to DVD™ software (on selected models)
- ❑ **Enjoy Pictures** — Manage digital photos with exclusive PictureGear Studio™ software
- ❑ **Music and Entertainment** — Make custom audio CDs with SonicStage™ software

### Software

- ❑ **Microsoft® Windows® operating system** — Includes Microsoft® Windows® XP Home Edition operating system
- ❑ **Audio and Video Authoring, Viewing, and Sharing** — Powerful software for creating and sharing movies and managing audio files

### Hardware

- ❑ **Exceptional Performance** — Fast Intel® Pentium® 4 processor 2.80 GHz<sup>2</sup> or Mobile Intel® Pentium® 4 processor 3.06 GHz with Enhanced Intel SpeedStep® Technology<sup>3</sup>
- ❑ **Power** — High-capacity lithium-ion battery
- ❑ **Portability** — Approximately 7 pounds light (with standard battery)
- ❑ **Usability** — Large display, generous hard drive, expandable memory:
  - ❑ 15.0" display with XBRITE™ technology
  - ❑ 40, 60, or 80 GB<sup>4</sup> hard disk drive; 4200 RPMs
  - ❑ 512 MB DDR SDRAM (max. 1 GB<sup>5</sup>)
- ❑ **Connectivity** —
  - ❑ Built-in wireless LAN<sup>1</sup>
  - ❑ i.LINK®<sup>6</sup> S400 port (4-pin)
  - ❑ USB 2.0<sup>7</sup> ports (3)
  - ❑ AV OUT jack
  - ❑ 10BASE-T/100BASE-TX Ethernet port (RJ-45)
  - ❑ Modem line jack (RJ-11)
  - ❑ Memory Stick PRO™ media slot



#### Front

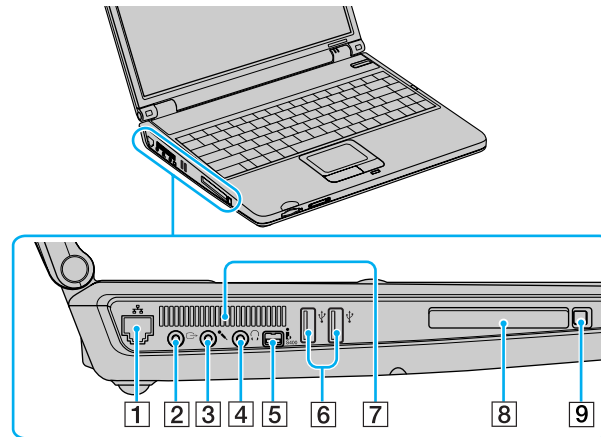
- |   |                           |    |                               |
|---|---------------------------|----|-------------------------------|
| 1 | Hard disk drive indicator | 9  | Left/Right buttons            |
| 2 | Num lock indicator        | 10 | Wireless LAN switch           |
| 3 | Caps lock indicator       | 11 | Wireless LAN indicator        |
| 4 | Scroll lock indicator     | 12 | Memory Stick® media indicator |
| 5 | Power indicator           | 13 | Memory Stick media slot       |
| 6 | Battery indicator         | 14 | Keyboard                      |
| 7 | Power button              | 15 | Built-in speakers             |
| 8 | Touch pad                 | 16 | Display (LCD)                 |

- 1 Wireless LAN Access Point device sold separately. Sony cannot fully guarantee the security of wireless communications.
- 2 GHz denotes maximum microprocessor internal clock speed; other factors may affect application performance.
- 3 CPU speeds will be reduced to a lower operating speed under certain conditions.
- 4 GB means 1 billion bytes when referring to hard disk drive capacity. A portion of hard disk space is reserved as a recovery partition. Accessible capacity may vary.
- 5 One GB is equal to 1,024 MB.
- 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.
- 7 Supports high, full, and low speeds.

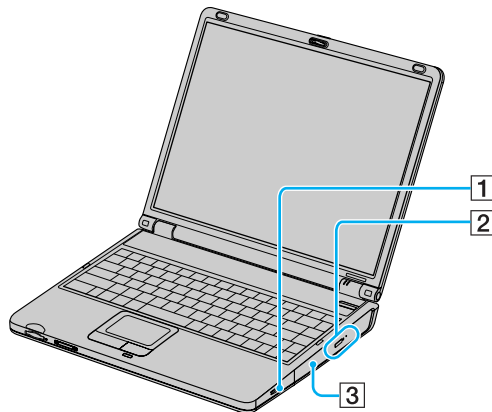
Specifications are subject to change.

**Left**

- 1 10BASE-T/100BASE-TX Ethernet port (RJ-45)
- 2 AV OUT jack
- 3 Microphone jack
- 4 Headphone jack
- 5 i.LINK® S400 port (4-pin)
- 6 USB 2.0 ports
- 7 Air vent
- 8 PC Card slot
- 9 PC Card eject button

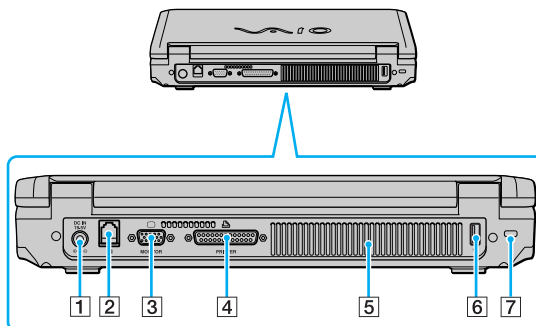


**Right**



- 1 Battery bay
- 2 Optical drive eject button
- 3 Optical drive

**Back**



- 1 DC IN port
- 2 Modem jack (RJ-11)
- 3 Monitor port (VGA)
- 4 Parallel (printer) port
- 5 Air vent
- 6 USB 2.0 port
- 7 Security lock slot

## Standard Features

<i>Feature</i>	<i>Description PCG-K Series</i>
<b>Processor</b>	<b>Available:</b> Intel® Pentium® 4 processor 2.80 GHz <sup>1</sup> Mobile Intel® Pentium® 4 processor 3.06 GHz with Enhanced Intel SpeedStep® Technology <sup>2</sup>
<b>L2 Cache Memory</b>	512 KB (CPU Integrated)
<b>Operating System</b>	Microsoft® Windows® XP Home Edition
<b>Hard Disk Drive</b>	<b>Available:</b> 40, 60, or 80 GB <sup>3</sup> ; 4200 RPMs
<b>Standard RAM</b>	512 MB (expandable to 1 GB <sup>4</sup> ) (PC2100 DDR SDRAM)
<b>LCD Screen</b>	15.0" XGA TFT (1024 x 768 res.) with XBRITE™ technology
<b>Graphics</b>	ATI RADEON™ IGP 345M Dual display support
<b>Sound Capabilities</b>	Windows® sound system compatible Integrated stereo speakers
<b>Modem</b>	V.90 data/fax modem <sup>5</sup>
<b>CD-RW/DVD Combo Drive (on selected models)</b>	24x max. CD reading speed 8x max. DVD-ROM reading speed 16x max. CD-R writing speed 10x max. CD-RW writing speed
<b>DVD-RW Drive (on selected models)</b>	24x max. CD reading speed 12x max. CD-RW reading speed 8x max. DVD-ROM reading speed 4x max. DVD±R/DVD±RW reading speed 16x max. CD-R writing speed 10x max. CD-RW writing speed 2x max. DVD±R/DVD±RW writing speed
<b>Wireless LAN Communication</b>	Intel® PRO/Wireless 2100 Network Connection with Mini PCI and IEEE 802.11b/g technology IEEE 802.11b/g (IBSS Ad hoc mode support, DS-SS modulation) Max. 11 Mbps data transfer speed <sup>6</sup> (802.11b) (approximation) Max. 54 Mbps data transfer speed (802.11g) (approximation) Max. 100 meter communication distance <sup>7</sup> (approximation) 2.4 GHz band frequency
<b>Expansion Capabilities</b>	PC Card slot that supports a Type I, II, or III PC Card, with CardBus support
<b>Built-in Capabilities</b>	Stereo speakers Touch pad Memory Stick PRO™ media slot

## Standard Features (Continued)

<i>Feature</i>	<i>Description PCG-K Series</i>
<b>Connection Capabilities</b>	Modem jack (RJ-11) i.LINK® <sup>8</sup> S400 port (4-pin) 10BASE-T/100BASE-TX Ethernet port (RJ-45) USB 2.0 ports <sup>9</sup> (3) Parallel (printer) port Microphone jack Headphone jack Monitor port (VGA) AV OUT jack
<b>Supplied Accessories</b>	Rechargeable Lithium-ion battery AC adapter and power cord
<b>Power Source</b>	19.5V DC/AC 100-240V
<b>Power Management</b>	Energy Star® compliant Advanced Configuration and Power Interface (ACPI)
<b>Dimensions (approximate)</b>	13" (w) x 1.65-2.26" (h) x 10.9" (d) 330 mm (w) x 41.9/57.4 mm (h) x 277mm (d)
<b>Weight (approximate)</b>	7.3 lbs. with standard battery
<b>Operating Temperature</b>	40° F to 95° F (5° C to 35° C)
<b>Operating Humidity</b>	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)
<b>Storage Temperature</b>	-4° F to 140° F (-20° C to 60° C) temperature gradient less than 18° F (-10° C) per hour
<b>Storage Humidity</b>	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 GHz denotes microprocessor internal clock speed; other factors may affect application performance.

2 Processor speed will be reduced under certain operating conditions.

3 GB means 1 billion bytes when referring to hard disk drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition for models with Microsoft® Windows® XP operating systems only.

4 One GB is equal to 1,024 MB.

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

6 Maximum data communication/transfer speed per IEEE 802.11b standard. Speed and communication distance will be reduced under certain operating and environmental conditions.

7 Communication distance will be reduced under certain operating and environmental conditions.

8 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.

9 Supports high, full, and low speeds.

## Available Configurations

To view additional configurations, visit [www.sony.com/VAIOB2B](http://www.sony.com/VAIOB2B).

<i>Model Name</i>	<i>Processor Speed</i>	<i>Screen</i>	<i>Memory</i>	<i>HDD</i>	<i>Optical Drive</i>	<i>Operating System</i>
<b>PCG-K13</b>	Intel® Pentium® 4 Processor 2.80 GHz <sup>1</sup>	15.0" XGA with XBRITE™ technology	512 MB (256 x 2)	40 GB <sup>2</sup>	CD-RW/DVD combo drive	Microsoft® Windows® XP Home Edition
<b>PCG-K15</b>	Intel® Pentium® 4 Processor 2.80 GHz	15.0" XGA with XBRITE™ technology	512 MB (256 x 2)	60 GB	DVD±RW	Microsoft® Windows® XP Home Edition
<b>PCG-K17</b>	Mobile Intel® Pentium® 4 Processor 3.06 GHz with Enhanced Intel SpeedStep® Technology <sup>3</sup>	15.0" XGA with XBRITE™ technology	512 MB (256 x 2)	80 GB	DVD±RW	Microsoft® Windows® XP Home Edition

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

2 GB means 1 billion bytes when referring to hard disk drive capacity. Approximately 5 GB of hard disk space is reserved as a recovery partition. Accessible capacity may vary.

3 Processor speed will be reduced under certain operating conditions.

## Options

<i>Option</i>	<i>Description</i>	<i>Model</i>
<b>Memory</b>	512 MB memory upgrade Use PC2100 DDR SDRAM only	
<b>Monitors</b>	A Sony VAIO® monitor or Sony LCD projector may be connected as an external display. Display cable(s) required	
<b>Drives</b>	External USB floppy disk drive External 60 GB <sup>1</sup> hard disk drive	PCGA-UFD5 PCGA-HDM06
<b>i.LINK® (IEEE 1394) Devices<sup>2</sup></b>	Only compatible i.LINK devices may be connected, using the following i.LINK cables: 1.5-meter, 4-pin connector 1.5-meter, 4-pin connector to 6-pin connector 3.5-meter, 4-pin connector	VMC-IL4415A VMC-IL4615A VMC-IL4435A
<b>Accessories</b>	USB Keyboard Sony USB optical mouse Sony USB mobile mouse  Sony wireless optical mouse	PCGA-UKB1 PCGA-UMS5 PCGA-UMS3/V, PCGA-UMS3/S PCGA-UMS5/S
<b>Memory Stick® Media<sup>3</sup></b>	32 MB 64 MB 128 MB	MSA-32A MSA-64A MSA-128A
<b>Multimedia</b>	External speakers Visual Communication Camera Sony Digital Handycam® camcorder Sony digital still camera Sony Mavica® camera Sony projector External microphone or other audio device	PCGA-SP1 PCGA-UVC11
<b>Wireless Connectivity</b>	802.11g Wireless LAN router access point 802.11a/11b Wireless LAN dual PC card USB Bluetooth™ adapter RoomLink™ network media receiver	PCWA-AR300 PCWA-C700 PCGA-BA1/A PCNA-MR10
<b>Network Connectivity</b>	Network compatible with third-party PC card network interface	
<b>Other Connectivity</b>	Personal Digital Assistant (PDA) or Sony CLIÉ™ handheld device	
<b>Power</b>	AC adapter Standard lithium-ion battery	PCGA-AC19V9 PCGA-BP2NY

<i>Option</i>	<i>Description</i>	<i>Model</i>
<b>Carrying Cases</b>	VAIO® Carrying Case Ample room to hold notebook computer, AC adapter, extra battery and floppy or optical disc drive with additional compartments and pockets. Compatible with any VAIO notebook.	PCGA-CCGX
	VAIO® Sport Backpack Ergonomically designed backpack with padded shoulder straps and ribbed contour padding on the back for maximum comfort.	PCGA-CCP2
	VAIO® Notebook & AC Adapter Cases (neoprene) Protect your PC from spills, nicks, and scratches.	PCGA-CCN3
	VAIO® Backpack Stylish, convenient, and comfortable backpack with efficient storage for your computer and accessories.	PCGA-CCP1
	VAIO Caliber Case	PCGA-CCTG/G, PCGA-CCTG/L, PCGA-CCTG/R
	VAIO Notebook Roller Case	PCGA-CCQ1

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3 Data storage capacity may vary as a portion of the memory is used for data management functions.

## Memory and Storage

<i>Item</i>	<i>Description</i>
<b>L2 Cache Memory</b>	512 KB (CPU Integrated)
<b>Hard Disk Drive</b>	Available: 40, 60, or 80 GB <sup>1</sup> ; 4200 RPMs
<b>Standard RAM</b>	512 MB (expandable to 1 GB <sup>2</sup> ) (PC2100 DDR SDRAM)

1 GB means 1 billion bytes when referring to hard disk drive capacity. A portion of hard disk space is reserved as a recovery partition. Accessible capacity may vary.

2 One GB is equal to 1,024 MB.

## Typical Expansion Memory Configuration

The amount of memory installed on your computer may vary, depending on the model you purchased.

<i>Total System Memory (MB)</i>	<i>Slot 1 (MB)</i>	<i>Slot 2 (MB)</i>
512	256	256
1,024	512	512



## Software

Your computer may not be supplied with all of the software discussed in this section, depending on the computer model you purchased. To view information about the specific software preinstalled on your computer, see the software program's online Help.

<i>Application</i>	<i>Description</i>
<b>America Online®</b> <b>(Broadband or Dial-Up)<sup>1</sup></b> <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.
<b>DVgate™ Plus</b> <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. Edit clips from your video, add new clips, and combine clips into new movie segments. Save your movies back to your digital video came or in a variety of popular file formats.
<b>Microsoft® Works</b> <i>Microsoft Corp.</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.
<b>Norton Internet Security™<sup>2</sup></b> <i>Symantec Corporation</i>	Symantec's Norton Internet Security™ provides essential protection from viruses, hackers, and privacy threats. This easy-to-use, integrated suite includes full versions of Norton AntiVirus and Norton Personal Firewall to defend your PC against the most common Internet dangers. Norton Internet Security also includes Norton Spam Alert, which helps you detect and filter unwanted e-mail. Norton Parental Control keeps your children safe by letting you block objectionable Web sites and set up separate Internet access privileges for each member of your household. Automatic downloads keep Norton Internet Security updated against new security threats. This is a trial version of the Norton Internet Security.
<b>PictureGear Studio™</b> <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.
<b>RealOne™ Player</b> <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.
<b>SonicStage™</b> <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.
<b>VAIO Media™</b> <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 other VAIO computers on your wired or wireless network.
<b>VAIO Update</b> <i>Sony Electronics Inc.</i>	The VAIO Update utility helps you keep your VAIO® computer up to date by regularly checking the Sony Online Support Web site for important software updates and information for your specific VAIO computer model
<b>WinDVD for VAIO®</b> <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.

<sup>1</sup> Requires a fee for use.

<sup>2</sup> Certain features are time limited.

### ***To Contact Sony***

Visit the Sony VAIO® B2B Web site at: [www.sony.com/VAIOB2B](http://www.sony.com/VAIOB2B)

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