

Powerful software for creative minds.

Almost anything you can imagine, you can create and communicate on VAIO. Powerful software capabilities make professional level image editing and music production simple and fun for everyone.



DVgate Plus

Sony's original DVgate Plus software allows high-precision digital importing, editing and exporting of movies in various movie formats. You can import movies from DV or MICROMV Handycams* by simply connecting and using the one click button. Imported scenes can then be cut and connected. Finally, your edited movies can be exported to DV or MICROMV Handycam* equipment (MPEG1 and MPEG2 file export also possible). DVgate Plus makes every step easy.



MOVIES



Handycam*



SonicStage

Personalise your music with SonicStage music software featuring a new easy-to-follow interface. First, download or record music easily from the Internet or CDs on your hard disk. Then search, sort and play back music conveniently with My Library. (SonicStage supports popular ATRAC3, ATRAC3plus, WMA, MP3, and WAV formats.) And when you want your music "to go", create original compilation CDs in MP3 or ATRAC3 format as well as standard audio CDs on your VAIO. You can also copy music into MiniDisk (MD)** media quickly and easily, thanks to SonicStage support of the Net MD standard.



SonicStage Mastering Studio

This advanced music mastering software lets you import analogue music — including old LP records and cassette tapes — edit the music, and write your own high-quality optimised CDs. (EDIROL AUDIO capture UA-5 USB audio interface device from Roland is required for analogue stereo music import.) It also lets you save edited music as WAV files and make high-quality CDs from MP3 files. Leading features include Super Bit Mapping; support for recording in a 24bit/96kHz sampling mode; and four high-performance third-party effector modules: SONY OXFORD Equalizer, Waves Renaissance Bass, Waves S1 Stereo Imager, and Waves L1 Ultramaximizer.



Net MD Walkman*

MUSIC



PHOTOS



Cyber-shot*



COMMUNICATION



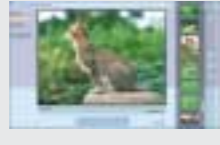
PictureGear Studio

Simply by connecting your VAIO with your digital camera via USB cable, or inserting Memory Stick media, you can automatically import photos to VAIO's hard drive. Since photos are displayed as thumbnails on the screen, browsing is a breeze. You can also create a photo album in three steps with Photo Album, then print it out or save it as a PDF file and attach it to email. Or write and draw on your photos, place your photos in chronological order with Calendar View, create screensavers and slideshows with background music, and much more.



Adobe® Photoshop® Elements

Creating and editing your digital images for print or posting on the Web has never been easier, thanks to Adobe® Photoshop® Elements. These state-of-the-art image editing tools free you to explore your creativity. Using a set of flexible image capture options, you can create a totally original look with the photos you have taken with a digital or traditional camera. And with versatile delivery features, you have more choices in what you can do — print, email or post on the Web for all to see.



Network Smart Capture

Sony's original Network Smart Capture is a handy tool for visual communication. It allows you to capture still and moving images not only from the MOTION EYE camera, but also from a Digital Handycam* connected via i.LINK cable. To share the moment with your friends, simply capture it and attach it to email anytime, anywhere. Network Smart Capture also features Fixed Point Observation mode, which enables you to take images automatically at intervals with a Web camera. The images can be uploaded in real time to your own Web site.



Sony recommends Microsoft® Windows® XP.

Specifications

| | |
|--------------------------------|---|
| Model | PCG-TR5GP |
| Microprocessor | Intel® Centrino™ Mobile Technology Ultra Low Voltage Intel® Pentium® M Processor 1.10GHz ¹ – Supports Enhanced Intel SpeedStep® Technology |
| Operating System | Microsoft® Windows® XP Professional (English version) |
| Chipset | Intel® 855GM Chipset |
| Processor System Bus | 400MHz |
| Memory Bus | 266MHz |
| Cache Memory | L1 Cache: 64KB L2 Cache: 1MB (on CPU) |
| Main Memory | 768MB DDR SDRAM (upgradeable up to 1GB) ² , 2 Micro-DIMM slots (The pre-installed memory module uses two) |
| Hard Disk | 40GB (C: 15GB, D: 25GB) Ultra ATA/100 |
| Optical Drive | CD-RW/DVD-ROM Drive Maximum reading speed: CD-R, CD-ROM: 24x / DVD-ROM: 8x Maximum writing speed: CD-R: 24x / CD-RW: 10x |
| Graphics Accelerator | Integrated in Intel® 855GM chipset |
| Video Memory | Maximum 64MB (shared with main memory) |
| Display | 10.6" Wide (WXGA: 1280 × 768) TFT colour display (Clear Bright LCD) |
| Interfaces | • USB 2.0 × 2 ³ • i.LINK (IEEE1394) S400 (4 pin) • VAIO notebook peripheral device DC OUT connector • Headphone jack (stereo mini) • Microphone jack (monaural mini) • Network (RJ-45) connector (100BASE-TX/10BASE-T) • Monitor connector (VGA, Mini D-SUB 15 pin) • Modular (RJ-11) connector • Memory Stick slot ⁴ (MagicGate and Memory Stick PRO compatible ⁵) |
| Wireless LAN | • Integrated Wireless LAN IEEE 802.11b/802.11g ⁶ • Data rate: maximum 11Mbps (802.11b) 54Mbps (802.11g) ⁷ • Frequency: 2.4GHz |
| Modem | V.92 and V.90 compliant |
| PC Card Slots | Type/II × 1, CardBus Support |
| Camera / Video Capture | Total pixels: 370,000 pixels (310,000 pixels effective) / Picture element: 1/5.5 VGA progressive system, CMOS image sensor Lens: 2 elements in 2 groups, F3.4 / Focus distance: f=2.8mm (f=40mm translated to a 35mm camera) White balance: Auto/Indoor/Outdoor/Hold / Shutter speed: Auto/Hold / Flicker cancellation: Auto/50Hz/60Hz Movie capture format/size: YUY2/RGB 24 bits (80 × 60, 160 × 120, 320 × 240, 640 × 480, 176 × 144, 352 × 288) Captured frames: 30 frames/s (maximum) The number of captured frames may vary under certain operating conditions. |
| Audio | • Windows® sound system compatible • AC97 compliant • Software MIDI sound generator • Stereo speakers |
| Keyboard / Input Device | • ca 17mm Key pitch / ca 2mm Key stroke • 83 Keys • Intelligent Touchpad |
| Battery | PCGA-BP2T Lithium-ion battery: Approx. 4 to 6 hours of use ⁸ |
| Dimensions (W × H × D) | 270.4 × 34.7–36.5 × 188.4mm |
| Weight | Approx. 1.41kg (including the supplied battery) |
| Software Applications | • Adobe Reader 6 • Adobe Photoshop Elements 2.0 • Easy Systems Drag'n Drop CD+DVD 3.0 • InterVideo WinDVD 5 for VAIO • Sony DVgate Plus 1.2 • Sony Network Smart Capture 1.2 • Sony Notebook Setup 4.0 • Sony PictureGear Studio 2.0 • Sony SonicStage 2.0 • Sony SonicStage Mastering Studio 1.2 • Sony VAIO Camera VJ Screen Saver • Sony VAIO SLIT Screen Saver • Symantec Norton AntiVirus 2004 |
| Supplied Accessories | • AC adapter (PCGA-AC16V6) • Lithium-ion battery (PCGA-BP2T) |
| Warranty | One year ⁹ |

¹ CPU speed will be reduced under certain operating conditions. ² By removing the pre-installed 256MB memory module and adding one 512MB memory module. ³ High-speed/Full-speed/Low speed compatible. ⁴ Supports high speed data transfer with parallel interface. Supports with MagicGate copyright protection technology. ⁵ MagicGate copyright protection technology cannot be applied to Memory Stick PRO. ⁶ Deploying IEEE 802.11b and IEEE 802.11g products on the same wireless network may reduce the communication speed due to radio interference. Taking this into consideration, the IEEE 802.11g products are designed to reduce the communication speed to ensure communication with IEEE 802.11b products. When the communication speed is not as fast as expected, changing the wireless channel on the access point may increase the communication speed. ⁷ The communication speed varies depending on the distance between communication devices, existence of obstacles between such devices, the device configuration, the radio conditions, and the software in use. In addition, communication may be cut off depending on the radio conditions. ⁸ Estimated battery life. When the power-saving mode is on. Actual battery life may vary with different operating conditions and settings. Battery life under JEITA Battery Run Time Measurement Method (ver.1.0) is approximately 4.5 hours for PCGA-BP2T and 7 hours for PCGA-BP3T. For further details, please visit vaio-online.sony.com ⁹ Warranty conditions may vary by region.

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Optional Accessories (availability depends on region)

PCGA-WMS5/S Wireless Mouse

- Stylish, user-friendly design
- Highly sensitive receiver
- Sensor resolution: 800 dots per inch



PCGA-UMS3/B USB Optical Mouse (Compact)

- Sophisticated, dynamic exterior
- Maintenance-free optical design
- Sensor resolution: 800 dots per inch



PCGA-AC16V6 AC Adapter

- Universal voltage compatible: AC100 – 240V



PCGA-BP3T Lithium-ion Battery

- Rechargeable battery
Capacity: Approx. 6 to 9 hours of use⁸



PCGA-CPT1 Carrying Pouch

- Debossed VAIO logo
- Comes with Mini Pouch for VAIO accessories



PCGA-UFD5 USB Floppy Disk Drive

- Direct connection to USB connector



vaio-online.sony.com



VAIO
no more bounds

PCG-TR5GP



VAIO TR

Take your entertainment to go.

SONY

PCG-TR5GP

Taking entertainment to the limit

VAIO TR, compact and mobile, is the right choice for any place and time. Now you define where, when, and how you want your entertainment. How's this for pushing the envelope: DVD viewing with crystal clear images and pristine sound; video chat/Net meeting; surfing and emailing; and an extraordinary built-in, multi-use camera. Wireless and entertained, you'll be free to go where you please for hours.



DVD anywhere, anytime

Note: DVD image and title are for illustrative purposes only.

Super light notebook PC with built-in combo drive

Weighing a mere 1.41kg and 36.5mm thin, the VAIO TR carries easily in your hand, briefcase or handbag. Via its versatile built-in combo drive, you can play games, watch DVDs, read CDs, and write CD-R/RW discs wherever you go.

Power and stamina

The VAIO TR takes advantage of innovative Intel® Centrino™ Mobile Technology not only to deliver the robust power needed for sustained high performance, but also extend battery life in actual usage situations. With a standard battery, the VAIO TR delivers 4 to 6 hours* of mobile power; with an optional PCGA-BP3T** battery, performance can be extended to an impressive 6 to 9 hours*! That's ample time to get your work done and watch a movie when traveling long distances.

* Estimated battery life. When the power-saving mode is on. Actual battery life may vary with different operating conditions and settings. Battery life under JEITA Battery Run Time Measurement Method (ver.1.0) is approximately 4.5 hours for PCGA-BP2T and 7 hours for PCGA-BP3T. For further details, please visit vaio-online.sony.com

** Availability depends on region.

Beautiful, bright DVD images

Wider than a regular XGA screen, the VAIO TR's magnificent 10.6" Clear Bright LCD (1280 x 768) is ideal for DVD playback. The glare filter and AR (Anti Reflection) coating sharpen contrast and minimise reflection to reproduce beautiful, rich colour images at all times. A wider viewing also means it's easier to find a comfortable viewing position or to share the screen with friends.

Exciting sound reproduction

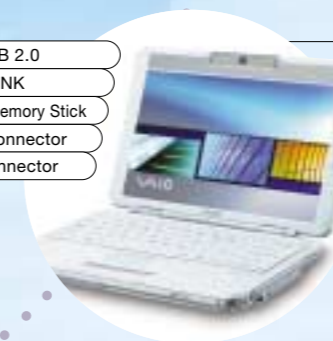
VAIO TR's speakers are ideally positioned for movie viewing and natural sound: above the screen, about ear level. Rear speaker ducts and an Auto Gain Control function minimise audio distortion. Thanks to Dolby Virtual Speaker and Dolby Virtual Headphone technologies, DVDs played on InterVideo WinDVD 5 for VAIO will project virtual 5.1 Surround Sound through the speakers or headphones. What's more, VAIO TR features Bass Boost (Mega Bass), the same technology used in Sony CD and MD Walkmans. Press Fn + B to experience rich bass tones. Bass Boost adjusts for your own headphones.

Sleek AC adapter

The slim, lightweight design of this compact AC adapter makes it easy to carry wherever you go. Designed by Sony, it features the VAIO brand logo and illuminates at the connector when receiving power. What's more, an additional PCGA-AC16V6 adapter is also available as an option, making it easy to switch to a second power supply in a different location.

Sony's original style

- USB 2.0
- i.LINK
- MagicGate Memory Stick
- Network Connector
- Monitor Connector



Sony recommends Microsoft® Windows® XP.

Wireless style

Simply flick on a switch to go wireless! It's easy with VAIO TR. You can instantly send Network Smart Capture photos or videos to anyone you like, anywhere you are. Or if you feel like a chat, turn the MOTION EYE camera on yourself and go online. Once you link up with a "Hot Spot," any café, restaurant, shopping mall, hotel, airport, or station* can be a handy place to hook up with friends or have a Net meeting. And now VAIO TR is compatible with IEEE 802.11b and IEEE 802.11g (Wi-Fi). What better way to keep in touch with your world, especially when you're on the move? With VAIO TR's long life battery, you have plenty of stamina for your wireless experience.

* 2.4GHz Wireless LAN Access Point must be available.

Visual communication

Built-in digital camera and microphone

The VAIO TR's MOTION EYE built-in video camera lets you take still and motion pictures at almost any angle. It rotates easily from front to back so you can focus it on yourself for a video chat or Net meeting. Just press the CAPTURE button, which acts like the shutter button on a camera to launch Network Smart Capture and shoot. To ensure you come across loud and clear without howling in your voice during a video chat, the VAIO TR's built-in microphone is placed away from the speakers and in the closest position to your mouth. The LED lights up to let you know you're recording.

Redefining function and form

The superbly crafted VAIO TR is designed to provide greater user freedom and style. Gently bevelled edges on the V-slant design make opening easier and complement the smooth operation of latchless technology. The I/O and LED indicators are cleverly located on the front bevelled edge for easy recognition. And real usage buttons, which include the CAPTURE button, Volume buttons, and a Magnify button to adjust screen resolution, are conveniently positioned on the side of LCD. For a refined finishing touch, the VAIO TR wears a VAIO mirror finish logo, a reflection of Sony's commitment to excellence.

Fast and easy connections

In today's connected world, you'll want to link with various peripherals, as well as access and share data in all sorts of ways. The VAIO TR supports USB 2.0 connection with two connectors, links with large monitors, and connects to networks with absolute ease anywhere, anytime. Via the i.LINK connector or Memory Stick slot* you have a fast, direct link between your Handycam** or Cyber-shot** and portable devices, such as a Network Walkman** or a CLIE handheld**.

* Supports high speed data transfer with parallel interface. Supports MagicGate copyright protection technology. MagicGate copyright protection cannot be applied to Memory Stick PRO.

** Availability depends on region. Not all CLIE handhelds support music playback.



VAIO logo



Latchless design



V-slant



LED

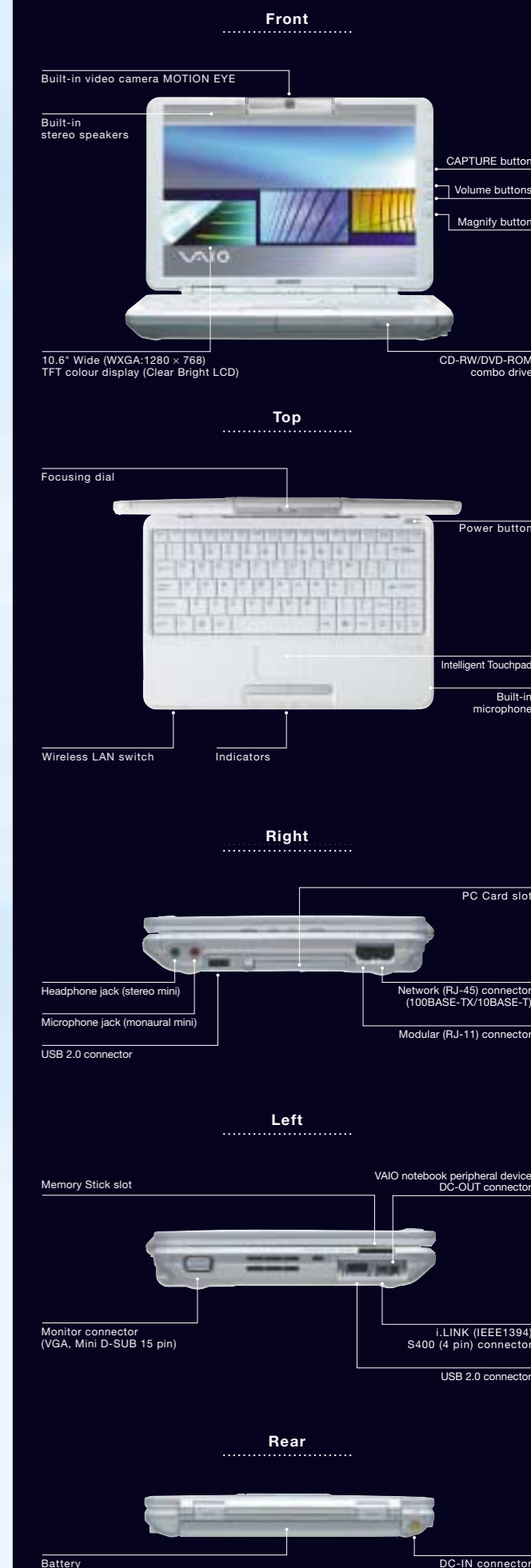


VAIO Camera VJ Screen Saver

Dimensions 270.4 x 34.7-36.5 x 188.4mm (W x H x D)

Weight Approx. 1.41kg (including standard battery)

PCG-TR5GP



Front

Top

Right

Left

Rear

- Built-in video camera MOTION EYE
- Built-in stereo speakers
- 10.6" Wide (WXGA:1280 x 768) TFT colour display (Clear Bright LCD)
- CD-RW/DVD-ROM combo drive
- CAPTURE button
- Volume buttons
- Magnify button
- Power button
- Intelligent Touchpad
- Built-in microphone
- Wireless LAN switch
- Indicators
- PC Card slot
- Headphone jack (stereo mini)
- Microphone jack (monaural mini)
- Network (RJ-45) connector (100BASE-TX/10BASE-T)
- Modular (RJ-11) connector
- USB 2.0 connector
- VAIO notebook peripheral device DC-OUT connector
- Memory Stick slot
- Monitor connector (VGA, Mini D-SUB 15 pin)
- i.LINK (IEEE1394) S400 (4 pin) connector
- USB 2.0 connector
- Battery
- DC-IN connector