

Sony VAIO® TR Notebook

Talented mobile companion



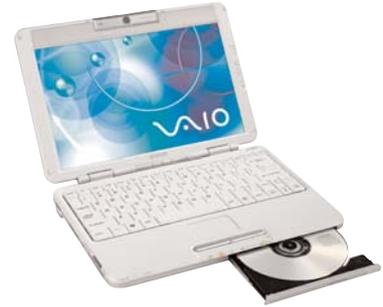
**STYLE AND MOBILITY**

Ultimate style in a light and thin body. Who says you can't have it all?



**GOT WIRELESS?\***

Integrated 802.11b wireless for truly mobile network connection.



**ENJOY MOVIES**

Watch DVD movies anywhere with integrated CD-RW/DVD combo drive, amazing long life<sup>4</sup> battery, XBRITE™ wide screen and Dolby headphone technology.

**FEATURES**

- Intel® Centrino™ mobile technology - designed specifically for mobility
- Beautiful and sleek design in a 3.11 lbs. light and 1.44" thin body
- CD-RW/DVD combo drive and swivel camera integrated
- Integrated wireless LAN<sup>6</sup> - connect to the network anywhere, anytime
- XBRITE™ 10.6" wide screen for work and play
- Amazing battery life up to 7.0 hours<sup>4</sup>
- i.LINK® (IEEE 1394) S400 digital interface<sup>3</sup> and Memory Stick® media slot



**SPECIFICATIONS**

**Model**  
PCG-TR1A

**Processor**  
Ultra Low Voltage Intel® Pentium® M processor 900MHz<sup>1</sup>

**Cache Memory**  
L1: 64KByte Integrated On-Die  
L2: 1M Byte Integrated On-Die

**Bus Speed**  
400 MHz

**LCD**  
10.6" Wide (1280x768) TFT display with XBRITE™ technology

**Graphics**  
Intel® 855GM Chipset Integrated Graphics 64MB (shared)

**Memory**  
512 MB DDR SDRAM (512MB x 1), maximum 1024 MB

**Hard Drive**  
30 GB<sup>2</sup> hard drive

**Optical Drive**  
Internal CD-RW/DVD combo drive  
(Max speeds: CD-R write 8x, CD-RW write 4x, CD Read 24x, DVD-ROM read 8x)

**Optional Floppy Drive**  
External 1.44 MB, 3.5" USB floppy drive (PCGA-UFD5)

**Modem**  
Integrated V.90 modem

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

**Memory Stick® Media Slot<sup>10</sup>**  
Supports optional Memory Stick® media

**Pointing Device / Keyboard**  
Electro-Static touch pad  
QWERTY, 83 keys with 2mm stroke and 17mm pitch  
Magnify button and Volume buttons

**Estimated Battery Life<sup>4</sup>**  
Lithium-ion battery  
2.5-7.0 hours with standard battery<sup>4</sup>  
3.5-11.0 hours (TBD) with large capacity battery<sup>4</sup>

**PC Card Slots**  
1 type I or type II card with CardBus support

**Integrated Camera**  
CMOS 370,000 pixels (VGA 640x480)  
MotionJPEG

**Audio**  
Windows® sound system compatible  
Dolby Headphone & Dolby Virtual Speaker  
Built-in stereo speakers; monaural mini-jack microphone, Internal microphone

**Other Interfaces**  
RJ-11 modem jack, i.LINK® (IEEE 1394) interface<sup>3</sup>, 2 USB2.0, RJ-45 Ethernet, VGA output, headphone (stereo), monaural mini-jack microphone

**Integrated Wireless LAN<sup>6</sup>**

Intel PRO/ Wireless 2100 Network Connection 802.11b  
Bus/Interface: mini PCI  
Radio frequency band: 2.4GHz (ISM band)

**Power Requirements**  
68 watts maximum + 10% (16V / AC100-240V)  
Energy Star® compliant  
Advanced power management - APM-ACPI compatible

**Weight**  
3.11lbs. with a standard battery

**Size (H x W x D)**  
1.37"-1.44" X 10.6" X 7.4"

**Supplied Accessories**  
Lithium-ion battery, power cord, and AC adapter

**Optional Accessories**  
External USB floppy disk drive (PCGA-UFD5)  
Additional standard battery (PCGA-BP2T)  
Large capacity battery (PCGA-BP3T) (Available in Sept. 2003)  
USB mouse (PCGA-UMS5)  
USB mobile mouse (PCGA-UMS3/V)  
USB keyboard (PCGA-UKB1)  
External DVD±RW drive (PCGA-DDRW1)  
Slim carrying case (PCGA-CCB)  
Large carrying case (PCGA-CCGX)  
Notebook Sport Backpack (PCGA-CCP2)  
Notebook backpack (PCGA-CCP1)  
Additional AC adapter (PCGA-AC16V6)  
Privacy screen (PCGA-FL6)  
Additional 512MB memory (PCGA-MM512U)  
802.11b Wireless LAN Pro router access point (PCWA-A200)  
802.11a Wireless LAN router access point (PCWA-A500)  
802.11a Wireless LAN PC card (PCWA-C500)  
External Speakers (PCGA-SP1)  
USB Bluetooth Adapter (PCGA-BA1/A)

**Service and Warranty Information**  
One year limited Express Service<sup>5</sup> (Certain restrictions apply.)  
One year limited parts and labor<sup>8</sup>  
Telephone Support<sup>9</sup>: One year hardware and 90 days software and operating system from purchase date

**Operating System**  
Microsoft® Windows® XP Home Edition

**Productivity Software**  
Microsoft® Money 2003®  
Microsoft® Works 7.0  
Microsoft® Encarta Online®

**Video Software**  
Sony DVGate™ Plus  
Adobe® Premiere® LE®  
InterVideo® WinDVD® 4 for VAIO® PC (Dolby Headphone & Dolby Virtual Speaker)

**Music Software**  
Sony Screenblast™ ACID™™  
Sony SonicStage™ with MP3 encoder  
Sony SonicStage™ Mastering Studio

RealNetworks® Real One Player  
**Photo Software**  
Adobe® Photoshop® Elements  
Sony Network Smart Capture  
Sony PictureGear Studio™  
**Communication**  
Sony VAIO Media™ Software  
Microsoft® MSN 8.0® and America Online®  
**Gaming**  
Microsoft® Age of Empires II  
**Virus, Tools, and Support Software**  
McAfee® Internet Security Center®  
VAIO Support Agent



- 1 MHz 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.
- 6 Wireless LAN access point sold separately. Sony cannot guarantee the security of wireless communications.
- 7 Requires fees for use.
- 8 Certain features are time limited.
- 9 Limited duration trial subscription to Microsoft's current online version. Internet access required; additional fees (including telephone/long distance charges) may apply also.
- 10 Supports Memory Stick Pro™ high-capacity media, but does not support high-speed media capability.

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

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Sony recommends Microsoft® Windows® XP.