

Agile mobile communication



CONVENIENT AGILITY

Designed for those who are constantly on the move and whose priority is convenience.



WIRELESS COMMUNICATION®

Built-in camera, microphone and integrated 802.11b/g wireless LAN<sup>6</sup>, so you can meet face-to-face just about anywhere you can connect to the internet.



ENJOY MOVIES

Watch DVD movies anywhere with integrated CD-RW/DVD combo drive, amazing long life<sup>7</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 802.11b/g wireless LAN<sup>6</sup> - communicate wirelessly anywhere, anytime
- Widescreen XBRITE™ 10.6" display creates a new standard of picture quality
- Up to 5.5 hours<sup>4</sup> of battery life without charging
- i.LINK® (IEEE 1394) S400 digital interface<sup>3</sup> and Memory Stick PRO™ media slot

SPECIFICATIONS

**Model**  
PCG-TR3A

**Processor**  
Ultra Low Voltage Intel® Pentium® M processor 1GHz<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**  
40 GB<sup>2</sup> hard drive

**Optical Drive**  
Internal CD-RW/DVD-ROM combo drive  
(Max speeds: CD-R write 24x, CD-RW write 10x, 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 PRO™ Media Slot**  
Supports optional Memory Stick PRO™ 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  
3.0-5.5 hours with standard battery<sup>4</sup>  
6.0-11.0 hours 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®**  
Intel® PRO/Wireless 2200BG  
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)  
USB mouse (PCGA-UMS5)  
USB mobile mouse (PCGA-UMS3/V, UMS3/S)  
Wireless optical mouse (PCGA-WMS5/S)  
USB keyboard (PCGA-UKB1)  
External DVD±RW drive (PCGA-DDRW1)  
Slim carrying case (PCGA-CGB2)  
Large carrying case (PCGA-CCGX)  
Notebook Sport Backpack (PCGA-CCP2)  
Notebook backpack (PCGA-CCP1)  
Notebook protection case (PCGA-CCTR/J, CCTRL)  
Additional AC adapter (PCGA-AC16V6)  
Privacy screen (PCGA-FL6)  
Additional 512MB memory (PCGA-MM512U)  
802.11g Wireless LAN router access point (PCWA-AR300)  
802.11a Wireless LAN router access point (PCWA-A500)  
802.11a/b Wireless LAN PC card (PCWA-C700)  
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>6</sup>  
Telephone Support<sup>7</sup>: One year hardware and 90 days software and operating system from purchase date

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

**Productivity Software**  
Microsoft® Works 7.0

**Video Software**  
Sony DVgate Plus™  
InterVideo® WinDVD® 5 for VAIO® PC (Dolby® Headphone & Dolby® Virtual Speaker)

**Music Software**  
Sony SonicStage™  
RealNetworks® Real One Player

**Photo Software**  
Sony Network Smart Capture  
Sony PictureGear Studio™

**Communication**  
Sony VAIO Media™ Software  
America Online®<sup>8</sup>

**Virus, Tools, and Support Software**  
Norton® Internet Security Center<sup>7</sup>

- 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 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 Requires compatible wireless access point, some of which require a fee. Sony cannot guarantee the security of wireless communications. Internet connection may require fees.
- 7 Requires fees for use.

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.

(c)2004 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, i.LINK, Memory Stick and VAIO are registered trademarks of Sony. DVgate Plus, VAIO Media, SonicStage, PictureGear Studio, XBRITE are trademarks of Sony. Intel and Pentium are registered trademarks and Centrino are trademarks of Intel Corporation. Microsoft and Windows are registered trademarks of Microsoft Corporation. RealNetworks, and RealPlayer are registered trademarks of RealNetworks, Inc. All other trademarks are trademarks of their respective owners. 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. Printed in U.S.A. 01/04

