



Sony VAIO® R Series Digital Studio™ PC

High Performance, Cool Running.

Liquid Cooled. Just Plain Cool

Higher specs and demanding applications mean hotter running temperatures - but Sony's advanced liquid cooling system handles heat with ease. A unique liquid flow heat pipe draws heat away from the processor with a side benefit of eliminating a noisy CPU fan. Air intake from middle section maximizes air flow while minimizing noise.

Double Layer DVD creation - You're a Pro now

Featuring advanced DVD+R Double Layer with up to 8.5GB recording capacity. With the ability to store up to 4 hours of high quality MPEG2 video combined with VAIO® Click to DVD™ creation software, you become the pro. Borrowing technology from Sony's professional systems, the best tools of the trade are in your hands.

Television at your Fingertips

Take control of your television with the personal video recorder functionality powered by Sony® Giga Pocket® Engine TV Tuner / MPEG2 encoder and Microsoft® Windows® XP Media Center Edition 2005. Watch, record, burn to DVD⁵ - you have the power.

The Advantage in the Solutions

The Sony VAIO® R Series delivers the high quality video, music, and digital imaging solutions you demand. Create your own professional quality DVDs⁵. Master your own audio recordings or remaster older tapes or records. Watch & record television on your schedule.

VGC-RA822G Desktop

The Sony VAIO® R Series exemplifies cutting edge design and superior performance - A sleek black chassis with a revolutionary liquid heat pipe cooling system, Spectacular acoustic presence and breakneck performance. Topped off with loads of expansion headroom to take your VAIO® PC experience wherever your passion leads you.

Model
VGC-RA822G

HARDWARE

Processor
Intel® Pentium® 4 Processor 540 with Intel® Hyper-Threading Technology (3.20E GHz¹, 1MB L2 Cache)

Front Side Bus Speed

800MHz

Chipset

Intel® 915P

Memory

1GB PC-3200 400MHz DDR (512MB X 2/DDR) (Expandable to 2GB)

Hard Drive

200GB² 7200rpm SATA

Graphics

ATI Radeon™ X300
128MB Video Memory

Graphics Interface

TV-Out / VGA-Out / DVI-Out (DVI output: 1280x1024x60Hz max.)
16x PCI Express

Giga Pocket® MPEG2 Realtime Encoder/Decoder board with TV Tuner

DVD+R Double Layer / DVD±RW Drive⁵

Double Layer⁵

+R
DVD+R write (2.4x MAX)

DVD±RW⁵

-RW
DVD-R write (8x MAX),
DVD-RW write (4x MAX)

+RW
DVD+R write (16x MAX),
DVD+RW write (4x MAX)

CD-RW

-RW
CD-R write (32x MAX),
CD-RW write (24x MAX)

CD-RW

-RW
CD-R write (32x MAX),
CD-RW write (24x MAX)

CD-RW

-RW
CD-R write (32x MAX),
CD-RW write (24x MAX)

CD-RW

-RW
CD-R write (32x MAX),
CD-RW write (24x MAX)

CD-RW

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CD-RW

-RW
CD-R write (32x MAX),
CD-RW write (24x MAX)

CD-RW

Audio

5.1 Channel - Intel® High Definition Audio

Ethernet

10Base-T/100Base-TX/1000Base-T Fast Ethernet (RJ-45)

Modem

V.90 compatible data/fax modem (RJ-11)

Expansion Slots

Multi-Media Card Reader (Memory Stick®, Compact Flash™ Type I and Type II, xD Picture Card, SD/MMC, IBM Micro Drive™)

One x16 PCI Express (occupied by Graphics Card)

Two PCI (one available)

One PCI Express x1 (occupied)

Expansion Bays

Two 5.25" Half-Height (occupied)

One External 3.5" (occupied)

Three Internal 3.5" (one occupied)

(Four 3.5" SATA Hard Drives can be accommodated if Floppy Drive is removed.)

Port Connections

Seven USB 2.0 (three front/four rear)

Two PS/2® (Mouse/Keyboard)

One VGA/DVI-D Monitor Out Port

One TV-In/Out Port

One S/PDIF Out / One Parallel Port

One 6pin i.LINK® Port (rear) / One 4pin (front)⁶

One Headphone / One Microphone / One Line In

S-Video: Two Inputs (front and rear)

Composite Video / Audio Inputs (front and rear)

Coaxial Input (VHF/UHF)

Power Requirements

364.7 watts max. / 100-240V ~7A (50/60Hz)

Power Management

ACPI 1.0 Compliant

Weight (CPU)

34.172 lbs.

Dimensions (CPU)

7.4"(W) x 15.6"(H) x 15.3"(D)

Supplied Accessories

Speakers (Stereo) w/Subwoofer

IR Remote Control and Receiver / IR Blaster
VAIO® Keyboard / PS/2® Optical Mouse

SOFTWARE

Operating System

Microsoft® Windows® Media Center Edition 2005

Sony Original Software

Click to DVD™ - DVD Creation
SonicStage® Mastering Studio - Audio Mastering & Remastering
PictureGear Studio™ - Digital Photo
DVgate Plus™ - Digital Video
SonicStage® 2.1 - Digital Music
VAIO Media™ - Network File Sharing

Other Software Applications

Adobe® Premiere® Standard
Adobe® Photoshop® Album Starter Edition
Adobe® Photoshop® Elements® 2.0
Microsoft® Works® 8.0 - Word Processing, Spreadsheet, Calendar, Scheduling, Contact Management, and Database
Microsoft® Office® 2003 60-Day Student/Teacher Edition Trial
Intuit® Quicken® 2005 New User Edition (Previous Quicken Users may require additional upgrade)
InterVideo® WinDVD®
Sonic RecordNow!® 7

Anti-Virus & Recovery Software

Norton® Internet Security™ 90 Day Subscription⁴ - Norton AntiVirus™, Norton™ Personal Firewall, Norton™ Privacy Control, Norton AntiSpam™, Norton™ Parental Control
SONY® VAIO® Recovery Wizard
SONY® VAIO® Help and Support
SONY® VAIO® Update

Online Center

America Online® 90 Day Trial³

SERVICE AND WARRANTY INFORMATION

Limited Warranty and Onsite Service

1 Year Limited Warranty with Onsite

Service⁷

Telephone Support

1 Year toll-free technical telephone assistance, available 24-hours, 7-days-a-week⁸.

On-line Support

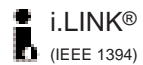
Support available from <http://www.sony.com/pcsupport>

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. New users only. Terms and conditions apply.
4. Limited duration trial edition.
5. DVD Media/Formats are not universally compatible.
6. 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.
7. When available. Sony will provide Onsite Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite Service will be provided via third-party technician to be dispatched as needed following phone-base troubleshooting. Some repairs may be accomplished with self repair kits. Onsite Service may not be available in all locations.
8. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.

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