

**Premier performance. Professional multimedia tools.
Cutting-edge design.**

THE POWER YOU NEED FOR THE MOST DEMANDING A/V APPLICATIONS.

Intel® dual-core processor delivers robust performance for running multiple, demanding applications simultaneously⁸. Serial ATA hard drives in a RAID 0 configuration delivers incredible hard drive speeds. DVD+R Double Layer/DVD±RW⁹ drive provides data storage of up to 8.5GB on one Double Layer DVD disc. PCI Express Video graphics capabilities enable cinematic-quality effects and color.

ULTIMATE A/V ENTERTAINMENT.

Bringing Sony's professional audio, video and broadcast expertise directly to your PC, so you can create, manage, edit and archive video, music and photos like a Pro. Capture and edit high-definition camcorder video. Turn your old VHS and 8mm videos into high-quality DVDs³ with Click to DVD™ creation software. Watch and record high-quality TV. Master your own audio recordings, or digitize your old records and tapes, with Sony's original SonicStage® Mastering Studio software. The VAIO® RA Digital Studio™ PC empowers your creativity and entertainment.

ENJOY THE HIGH-QUALITY TV VIEWING EXPERIENCE THAT YOU'VE COME TO EXPECT FROM SONY.

Watch and record all of your favorite shows with Microsoft® Windows XP Media Center Edition 2005 enhanced by Sony's Giga Pocket® engine. It's convenient and easy with on-screen program listings and navigation. Create a digital library for personal viewing at your convenience. It's TV on your schedule.

INNOVATIVE INDUSTRIAL DESIGN.

Sony's revolutionary liquid-cooling system and advanced noise-reduction technology ensures premier performance without the heat or noise of traditional PC designs and cooling fans. A unique liquid-flow heat pipe draws heat away from the processor, while air-intake from the desktop tower's mid-section maximizes air flow and optimizes acoustics. The result: cool, quiet and reliable performance from an incredibly powerful desktop computer.

The VAIO® RA Digital Studio PC provides the multimedia muscle for your next-generation A/V entertainment demands. Edit high-definition camcorder video. Master your own music recordings. Turn your home movies into high-quality DVDs³. The tools you need to work like a Pro. Premier performance. Cutting-edge design. The ultimate in multimedia desktop computing.



Display not included.



VAIO® RA Series Desktop PC

Hardware

Processor

Intel® Pentium® D Processor 830
(3GHz¹, 2MB L2 Cache)

Front Side Bus Speed

800MHz

Chipset

Intel® 945P

Memory

1GB PC2-4200 533MHz DDR2
(Expandable to 2GB)

Hard Drive

500GB² 7200rpm SATA in RAID 0 configuration

Graphics

NVIDIA® Graphics GeForce™ 6600
256MB DDR SDRAM

Graphics Interface

TV-Out / VGA-Out / DVI-D Out
16x PCI Express
Giga Pocket® MPEG2 Realtime Encoder board with TV Tuner

Optical Drive

DVD+R Double Layer/DVD±RW drive³
Double Layer +R
DVD+R DL write (6x MAX)
DVD±RW⁴
DVD-R write (16x MAX), DVD-RW write (6x MAX)
DVD+R write (16x MAX), DVD+RW write (8x MAX)
CD-R write (40x MAX), CD-RW write (24x MAX)

Additional Optical Drive

DVD-ROM
DVD-ROM Read (16x MAX), CD-ROM Read (40x MAX)

Floppy Disk Drive

3.5" 1.44MB Floppy Disk Drive

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 Reader⁵ (Memory Stick®, Memory Stick PRO/Duo™, Compact Flash® Type I and Type II, SD/MultiMediaCard™, xD Picture Card®)
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" (two occupied)
(Four 3.5" SATA Hard Drives can be accommodated if Floppy Drive is removed.)

Port Connectors

Seven USB 2.0 (three front/four rear)
Two PS/2® (Mouse/Keyboard)
One VGA/DVI-D Monitor Out Port
One TV-Out Port
One S/PDIF Out / One Parallel Port
One 6pin i.LINK®⁴ Port (rear)/ One 4pin (front)
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

34.17 lbs. (weight is approximate and may vary)

Dimensions

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

Supplied Accessories

5.1 Surround Sound Speakers
IR Remote Control and Receiver / IR Blaster
Wireless Keyboard
Wireless 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® - Digital Music
VAIO Media™ - Network File Sharing
Image Converter - PSP Transfer

Other Software Applications

Adobe® Premiere® Standard Edition
Adobe® Photoshop® Album Starter Edition
Adobe® Photoshop® Elements® 3.0
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 and Recovery Software

Norton® Internet Security™ 90-Day Subscription - Norton AntiVirus®, Norton Personal Firewall, Norton Privacy Control, Norton AntiSpam®, Norton Parental Control
Intermute™ SpySubtract™ 30-Day Subscription
VAIO® Recovery Wizard
VAIO® Control Center
VAIO® Update

Online Center

America Online® 90-Day Trial - For new users only

Service and Warranty

Limited Warranty and Onsite Service

1 Year Limited Warranty with Onsite Service⁶

Telephone Support

1 Year toll-free technical telephone assistance, available 24-hours, 7-days-a-week⁷

Online and Email Support

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

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. DVD Media/Formats are not universally compatible.
4. 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.
5. Does not support Memory Stick media and Memory Stick PRO media using the MagicGate function. Tested to support Memory Stick PRO media for up to 1GB. Does not support 5.0V SmartMedia media or the ID function of SmartMedia media with IDs. Does not support the SD Memory Card media copyright protection function.
6. 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 trouble-shooting. Some repairs may be accomplished with self repair kits. Onsite Service may not be available in all locations.
7. 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.
8. Performance will vary depending on specific hardware and software in 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 non-Sony 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. Some pre-installed software titles may not include full documentation. Software titles pre-installed on the Sony Desktop Computer are subject to change without notice. Simulated graphic shown on display.
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