

READY FOR YOUR CREATIVITY.

The VAIO® RB Desktop comes loaded with the tools you need to create, manage, share and enjoy your digital photos, home videos, movies and music. Sony® original software includes PictureGear Studio™ for digital photos, Click to DVD™ for DVD creation (available with DVD±RW drive option), and Sonic Stage® for digital music.

ARCHIVE YOUR DATA, MUSIC AND MORE.

The VAIO® RB Desktop PC comes equipped with software for both data and video archiving. Use the large and fast 7200rpm Serial ATA hard drive and optional Windows® XP Professional networking technology for rapid access to digital-content.

GIVE NEW LIFE TO GREAT MEMORIES.

Convert your VHS or 8mm home videos to high-quality DVDs. With Click to DVD™ software and the DVD+R Double Layer/ DVD±RW drive, high-quality DVDs are just one click away⁵. Create or record up to 8.5GB of music or digital photos - or up to 4 hours of MPEG2 video - on one Double Layer DVD disc.

POWERFUL PERFORMANCE AND VERSATILITY.

The VAIO® RB Desktop is loaded with the software and hardware you need for your growing multimedia entertainment demands and everyday essential computing needs. The stylish, modern and sleek design compliments any room in your home or office.

The VAIO® RB Desktop delivers powerful performance, premium reliability and dependable service. With Serial ATA hard drives, and optional components like Intel® Pentium® 4 processor with Hyper-Threading technology, a DVD+R Double Layer/DVD±RW drive⁵, and Sony's original multimedia software, you have the power to easily create, customize and share photos, music and videos.



VGC-RB49 CTO Series

VAIO® RB Series Desktop PC

Hardware

Processor (Configurable)

Intel® Pentium® 4 Processor 640 with Hyper-Threading Technology (3.20GHz¹, 2MB L2 Cache)
Intel® Pentium® 4 Processor 630 with Hyper-Threading Technology (3GHz¹, 2MB L2 Cache)
Intel® Pentium® 4 Processor 530 with Hyper-Threading Technology (2.80GHz¹, 1MB L2 Cache)
Intel® Celeron® Processor 346 (3.06GHz¹, 256KB L2 Cache)

Front Side Bus Speed

800MHz

Chipset

Intel® 915G

Memory (Configurable)

2GB, 1GB, 512MB, 256MB
PC-3200 400MHz DDR
(Expandable to 2GB)

Hard Drive (Configurable)

500GB² plus 400GB², 250GB², 200GB², 160GB², 80GB²
7200rpm Serial ATA

Graphics (Configurable)

ATI Radeon® X300, 128MB Video Memory or
Intel® Graphics Media Accelerator 900, 224MB Video Memory max.

Graphics Interface

VGA Out
S-Video Out / DVI-D Out (Only with ATI Radeon® X300 graphics option)
x16 PCI Express Slot
Giga Pocket® MPEG2 Realtime Encoder board with TV Tuner (MCE option only)

Optical Drive

1st Optical Drive (Configurable)
DVD+R Double Layer/ DVD±RW⁵
Double Layer +R Write (2.4x MAX)
DVD-R Write (8x max), DVD-RW Write (4x max)
DVD+R Write (16x max), DVD+RW Write (4x max)
CD-R Write (32x max), CD-RW Write (24x max)
or DVD-ROM
16x MAX DVD Read, 40x MAX CD-ROM Read

Optical Drive (Configurable)

2nd Optical Drive (Configurable)
DVD-ROM
16x MAX DVD Read, 40x MAX CD-ROM Read or
CD-ROM
40x MAX CD-ROM Read

Modem

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

Ethernet

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

Expansion Slots

Multi-Media Card Reader⁶ (Memory Stick®, Memory Stick PRO/Duo™, Compact Flash® Type I and Type II, SD/MultiMediaCard™, Smart Media, xD Picture Card®)
One x1 PCI Express
Two PCI (one/zero occupied)
One x16 PCI Express (occupied by Graphics Card with ATI Radeon® X300 option)

Expansion Bays

Two 5.25" Half-Height (occupied)
One External 3.5" (occupied)
Four Internal 3.5" (one/two occupied)

Port Connectors

Six USB 2.0 (two front/four rear)
Two PS/2® (Mouse/Keyboard)
One VGA Out
One Parallel Port
One 6pin i.LINK®⁷ Port (rear)/One 4pin i.LINK® Port (front)
One Line In
One Headphone
One Microphone
One DVI-D out/S-Video Output (only with ATI Radeon® X300 graphics option)
S-Video/ Composite Video/ Audio inputs/ RF input (MCE option only)

Power Requirements

Min. 300W, 100-240V 7A (60/60Hz)

Power Management

ACPI 1.0 Compliant

Weight

25.35 lbs. (weight is approximate and may vary)

Dimensions

7.13"(W) x 16.9"(H) x 15.24"(D)

Color

Black

Included Accessories

Mouse
Keyboard
Power Cord
Speakers
IR Blaster (with MCE only)
Remote Control (with MCE only)

Software

Operating System

Configurable
Microsoft® Windows XP Media Center Edition 2005, Microsoft® Windows XP Home Edition with Service Pack 2 or Microsoft® Windows XP Professional with Service Pack 2

Sony Original Software

VAIO Zone™ with WinDVD™
Click to DVD™ - DVD Creation (with DVD±RW option only)
PictureGear Studio™ - Digital Photo
DVgate Plus™ - Digital Video
SonicStage® - Digital Music
VAIO Media™ - Network File Sharing

Other Software Applications

Intervideo® WinDVD®
Intuit® Quicken® 2005 New User Edition
Microsoft® Works 8.0 - Word Processing, Spreadsheet, Calendar, Scheduling, Contact Management, and Database
Sonic RecordNow!® 7- CD/DVD Data Writing (with DVD±RW option only)

Optional Software

Sony® SonicStage® Mastering Studio
Adobe® Photoshop® Album Starter Edition
Adobe® Photoshop® Elements
Adobe® Premiere Standard or Professional Edition8
Microsoft® Office 2003 60-Day Trial Student/Teacher Edition (only available with XP Home)
Microsoft® Office 2003 60-Day Trial Small Business Edition Trial (only available with XP Professional)
Microsoft® Office 2003 Basic, Small Business or Professional Edition

Anti-Virus and Recovery Software

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

Internet Services

America Online® 90-Day Trial - New Users Only

Service and Warranty

Limited Warranty and Onsite Service

1 Year Limited Warranty and Onsite Service³

Telephone Support

1 Year toll-free technical telephone assistance, available 24/7⁴

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. 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-based troubleshooting. Some repairs may be accomplished with the self-repair kits. Onsite Service may not be available in all locations.
4. 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.
5. DVD Media/Formats are not universally compatible.
6. 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.
7. 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.
8. Does not support all features.

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 operate 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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