

The Premier Blu-ray Disc™ enabled Entertainment Notebook PC.

THE PREMIER BLU-RAY DISC™ ENABLED NOTEBOOK PC.

It has the ability to play, record, and re-write Blu-ray Disc™ media<sup>15</sup>, a format that provides five times larger capacity than standard DVDs. Watch HD movies with clarity like you have never seen them before. The AR Digital Studio™ Notebook features end-to-end High-Def (1080) HDV camcorder support, so you can capture, view, edit, and burn in 1080 resolution.

THE ULTIMATE IN PORTABLE ENTERTAINMENT PERFORMANCE.

With Blu-ray Disc™ media support for the next generation movie experience, recording, and re-writing, you're ready to capture, edit, and burn 1080i HD camcorder content from the get-go<sup>15</sup>. With a breathtaking 17" WUXGA (1920x1200) widescreen display<sup>8</sup> with Sony's original XBRITE-HiColor™ LCD technology, NTSC & ATSC TV tuners and Windows Vista™ Home Premium, you can watch and record TV, and view your movies and photos with stunning clarity and brilliant, true-to-life color. NVIDIA® GeForce® Go 7600 GT notebook graphics processing unit (GPU) delivers advanced graphics performance to view Blu-ray Disc™ movie titles<sup>14</sup>, as well as be immersed in thrilling game play. Built in camera and microphone mean it's conference and VoIP ready<sup>12</sup>. Multimedia shortcut keys at your fingertips make it easy to control your entertainment.

FEATURING A STUNNING AND EXCEPTIONAL WIDESCREEN DISPLAY.

The VAIO® AR Digital Studio™ Notebook features a stunning 17" WUXGA (1920x1200) widescreen display<sup>8</sup> with Sony's original XBRITE-HiColor™ LCD technology. It delivers deep blacks and bright whites, true-to-life color, and razor-sharp detail. And with a glare filter and anti-reflective coating to minimize reflection, you'll experience a beautifully clear image. It's a picture-perfect way to playback a Blu-ray Disc™ movie<sup>15</sup>, watch TV, and even immerse yourself in the gaming world.

MESSAGING.

Stylish design.

Blu-ray Disc™ media support for next generation high-definition video playback and recording<sup>14,15</sup>.

Watch HD movies and entertainment like never before on Blu-ray Disc™ media<sup>14</sup>.

Store and protect an unprecedented 25-50GB<sup>2</sup> of HD video or data to a single Blu-ray Disc™ media<sup>15</sup>.

Bundled suite of applications lets you capture, edit and burn high-definition camcorder content to Blu-ray Disc™ media<sup>15</sup> while maintaining high-quality 1080 HD resolution<sup>14</sup>.

Watch and record live television with NTSC & ATSC TV tuners, bundled remote control, and Windows Vista™ Home Premium.

HDMI™ connector and bundled HDMI cable provides convenient single-cable HD connectivity to your HDTV or A/V receiver.

Enjoy outstanding video quality on a 17" WUXGA<sup>8</sup> display featuring XBRITE-HiColor™ technology.

Intel® Centrino Duo with Core™ 2 Duo processor delivers outstanding dual-core mobile performance.

The gorgeously designed VAIO® AR Digital Studio™ is the premier Blu-ray Disc™ enabled notebook PC. With a 17" WUXGA (1920x1200) widescreen display<sup>8</sup>, HDMI™ output, NTSC & ATSC TV tuners, Windows Vista™ Home Premium and Intel® Core™ 2 Duo performance, you will experience movies and entertainment like never before.



XBRITE-HiColor™



**Specifications**

General

Computer Type: Notebook  
Type of Use: Desktop Replacement  
Action Buttons: S1, S2, AV Mode, Volume, Mute, Eject, Play/Pause/Stop, Wireless LAN On/Off, TV Record, FF, Rewind, Channel + and -  
Pointing Device: Electro-Static touch pad

Hardware

Keyboard: QWERTY, 86 keys with 2.5mm stroke and 19.05mm pitch  
Camera: Built-in camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor T7200  
Speed: 2GHz<sup>2</sup>  
Front Side Bus Speed: 667MHz  
L2 Cache: 4MB Advanced Smart Cache  
Technology: Intel® Centrino® Duo Mobile Technology

Memory

Type: DDR2 SDRAM  
Installed: 2GB (1GBx2) PC2-5300  
Maximum: 2GB  
Speed: 667MHZ

Hard Drive

Capacity: 240GB<sup>2</sup> (120GBx2) in RAID 0  
Speed: 5400rpm  
Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 2.4x max.  
DVD+R Write: 8x max.  
DVD+RW Write: 4x max.  
DVD-R Write: 8x max.  
DVD-RW Write: 4x max.  
CD-R Write: 8x max.  
CD-RW Write: 8x max.  
DVD±RW: Yes<sup>4</sup>  
CD Read: 24x max.  
DVD Read: 8x max.  
DVD-RAM Write: 5x max.  
DVD-R DL Write: 2x max.  
BD-R Read: 1x max.  
BD-R Write: 1x max.<sup>15</sup>  
BD-RE Write: 1x max.<sup>15</sup>  
BD-ROM Read: 1.6x max.  
BD-RE Read: 1x max.  
BD-R DL Read: 1x max.  
BD-R DL Write: 1x max.<sup>15</sup>  
DVD-RAM Read: 5x max.  
Blu-Ray Disc™ Support: Yes<sup>14</sup> (BD-RE/DVD±R DL/DVD±RW)  
BD-RE DL Read: 1x max.  
BD-RE DL Write: 1x max.<sup>15</sup>

Expansion Slots

Multimedia Card Reader: Supports optional Memory Stick® media and Memory Stick DUO™ media<sup>5</sup> with MagicGate® functionality and Secure Digital Media (SD)  
One PCMCIA - Type II/Type I card slot with CardBus support  
One ExpressCard™ /54 Slot

Audio

Sound System: Sony® Sound Reality™ - Audio Enhancer

Display

Screen or Display Technology: WUXGA  
Screen Size: 17"<sup>8</sup>  
Resolution: 1920x1200  
XBRITE HiColor™ Technology: Yes

Graphics

Processor: NVIDIA® GeForce® Go 7600 GT notebook graphics processing unit (GPU)  
Video RAM: 527MB Total Available Graphics Memory<sup>16</sup>

Chipset: Intel® 945PM  
Interface: VGA out w/ Smart Display Sensor, HDMI™ out and S-Video out  
TV Tuner: Yes (NTSC and ATSC Support)

Inputs and Outputs

Ethernet Port: 1  
HDMI™ Connection Output(s): 1  
Headphone Jack: 1  
i.LINK® Interface: 1 (4pin) i.LINK® connector (IEEE 1394)<sup>6</sup>  
Memory Stick® Media Slot: 1  
Modem Jack: 1  
Secure Digital Slot: 1  
Microphone Input: 1  
Port Replicator Connector(s): 1  
RF Connection Input(s): 1  
S-Video Input(s): 1  
S-Video Output(s): 1  
USB Port(s): 3 (2.0 ports)  
VGA Output(s): 1  
DC-In: 1  
S/PDIF Output(s): 1  
Audio/Video Input(s): 1  
Express Card™ Slot: /34 x 1

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)  
Ethernet Speed: 10Base-T/100Base-TX  
Modem Type: Integrated V.92/V.90 Modem with (RJ-11)  
Wireless LAN: Intel® PRO/Wireless 3945ABG Network Connection (802.11a/b/g)<sup>3</sup>  
Bluetooth® Technology: Integrated Bluetooth® Technology<sup>10</sup>

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS2C)  
Estimated Battery Life: 1.5-3.0 hours<sup>7</sup> with standard battery  
Power Requirements: 150W+10%

Software

Operating System: Windows Vista™ Home Premium  
Internet Services: AOL® 90-Day Risk Free Trial - New Users Only  
Supplied Software: Microsoft® Works 8.5 60-Day Trial Version of Microsoft® Office 2007 <sup>13</sup>  
Adobe® Photoshop® Elements 5.0  
Adobe® Premiere Elements 3.0  
InterVideo® WinDVD BD  
Ulead® BD Disc Recorder  
Sony® Original Software: Click to DVD® - DVD Creation  
<sup>11</sup>Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.  
Security and Anti-Virus Software: Norton® Internet Security™ 2007 60-Day trial with spyware protection

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7<sup>11</sup>  
Limited Warranty and Onsite Service: 1 Year Limited Warranty with Onsite Service<sup>9</sup>  
Online and Email Support: Support available from <http://www.esupport.sony.com>

Dimensions

Weight: 8.4 lbs. (weight is approximate and may vary)  
Measurements: 16.4"(W) x 1.32"(H) x 11.8"(D)

Supplied Accessories

Standard Lithium-ion Battery (VGP-BPS2C)  
AC Adapter (VGP-AC19V15)  
Remote Control/IR Receiver  
Power Cord  
RF Cable  
HDMI Cable  
HDMI to DVI-D Adapter  
Assorted Blu-ray Disc™ Titles and Discs (Available only with new units and while supplies last.)  
External ATSC Digital TV Tuner

Optional Accessories

Multi-Function Docking Station (VGP-PRFE1)  
Large Capacity Battery (VGP-BPL2C)  
Additional Standard Capacity Battery (VGP-BPS2C)  
Additional AC Adapter (VGP-AC19V15)  
USB Laser Mouse (VGP-UMS55/B)  
Universal Carrying Case (VGP-AMB1)  
Sport Backpack (VGP-AMB2)

Color: Glossy Plano Black  
UPC Code: 027242711518

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. Requires compatible wireless LAN access point. Internet connection may require fees.
4. DVD Media/Formats are not universally compatible.
5. Supports Memory Stick PRO™ high-capacity media tested up to 1GB. Does not support MagicGate® functionality.
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. Actual battery life may vary based on product settings, usage patterns, battery and environmental conditions.
8. Viewable area measured diagonally.
9. 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 self repair kits. Onsite Service may not be available in all locations.
10. Use of this Bluetooth enabled product with other devices may vary as not all Bluetooth devices are compatible.
11. 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.
12. Broadband connection is required along with third party services which may require a subscription fee and other service fees.
13. The Microsoft® Office 2007 60-Day Trial software is intended for evaluation purposes only. This trial software is installed on your system and you must activate the software before you can use it. Product activation procedures will be detailed during initial launch of the software; activation requires Internet access. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-use options and operations.
14. As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray Disc™ media playback. VAIO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates.
15. Video recording to Blu-ray Disc™ media is done in MP2 format only.
16. Total Available Graphics Memory refers to the new Windows Vista™ classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition and system memory size.

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 options 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. Pre-installed software may not be identical to retail versions or have all documentation. 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.  
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