



More than a PC. A full featured entertainment notebook.

Portable Multimedia Entertainment

More than a PC. More than a TV. A Feature-packed notebook that performs like an entertainment center.

DVD+R Double Layer/ DVD=RW/CD-RW Drive

Burn professional quality DVDs and CDs.⁴ Store up to 8.5GB of data, music, photos or movies on a single DVD.

AV Entertainment Dock

Plug in and access Sony's impressive Giga Pocket® TV tuner/MPEG2 Encoder, personal video recorder, high-end S-Master digital audio amplifier and premium Sony speakers. Your notebook just turned into a digital studio.

Superior LCD Technology

Powerful combination of Sony technologies combine to give you truly incredible image quality. 17" Wide UXGA display with XBRITE™ Technology delivers ultra crisp, bright graphics. ErgoBright™ Technology automatically adjusts the brightness of your LCD, giving you reliable resolution in just about any lighting environment. Smart Display Sensor automatically adjusts to any projector or display resolution.

Intel® Centrino™ Mobile Technology

Intel® Centrino™ Mobile Technology runs cool and quiet, while keeping the profile slim and light, with enhanced performance and battery life⁷. A remarkable blend of full-size power and portability. Wireless capabilities let you connect wire free around your home or on the road⁸.

VGN-A290

Sony® VAIO®

Digital Studio™ PC

The VAIO® A Series Digital Studio™ PC delivers high performance and incredible Audio / Video capabilities. Unlike other full-size notebooks, it connects to an AV dock that enables a TV tuner, personal video recorder; S-Master™ digital amplifier and premium speakers.

- Model**
VGN-A290
- HARDWARE**
- Processor Name**
Intel® Pentium® M Processor 735 (1.70GHz*, 2MB L2 Cache)
- Front Side Bus Speed**
400MHz
- Chipset**
Intel® 855PM
- Integrated Wireless LAN**
Intel® PRO/Wireless 2200BG Network Connection(802.11b/g)³
- LCD**
17" Wide UXGA (1920x1200) with XBRITE™ Technology and ErgoBright™ Technology
- Hard Drive**
100GB²
- Memory**
1GB PC-2700 333MHz DDR (512MB x 2) (Expandable to 2GB Maximum)
- Graphics**
ATI Mobility™ Radeon™ 9700
64MB Video RAM
- Graphics Interface**
VGA out w/ Smart Display Sensor
- Video Interface**
A/V mini jack
- DVD+R Double Layer / DVD±RW Drive⁵**
Double Layer
+R
DVD+R Write (2.4x MAX)
DVD±RW⁴
-RW
DVD+R Write (8x MAX); DVD-RW Write (4x MAX)
+RW
DVD+R Write (8x MAX); DVD+RW Write (4x MAX)
CD-RW
CD-R Write (24x MAX); CD-RW Write (24x MAX)
- Modem**
Integrated V.90 Modem with RJ-11 interface
- Ethernet**
10BASE-T/100BASE-TX/1000BASE-T Ethernet with RJ-45 interface
- Audio**
Windows® sound system compatible, Built-in stereo speakers
- Audio Interface**
Monaural mini microphone jack,

- Headphone jack
- Docking Station**
AV Entertainment Dock with S-Master™ Digital Amplifier and Premium Speakers
Four USB 2.0 ports, Monitor (VGA) port, VHF/UHF TV port, Printer port
DC in, S-Video in/out, DVI-D, RJ-45 Ethernet, Optical out, Line in (RCA Pin), Line out (RCA Pin)
- Memory Stick® Media Slot**
Supports optional Memory Stick, Memory Stick PRO™ and Memory Stick DUO™ media⁵
- PC Card Slots**
One PCMCIA - Type II/Type I card slot with CardBus support
- Other Interfaces**
i.LINK® connector(IEEE 1394)⁶, 3 USB 2.0 ports, port replicator connector
- Pointing Device**
Electro-Static touch pad
- Keyboard**
QWERTY, 86 keys with 3mm stroke and 19.05mm pitch
- Action Buttons**
Power On, S1 (programmable), Magnify Screen, Brightness, Volume(+), Volume(-), Mute, Wireless LAN on/off
- Power Requirements**
135W+10%
- Battery**
Lithium-ion Battery (PCGA-BP2EA)
- Estimated Battery Life**
Standard Battery: 1.0-3.0 hours⁷
- Optional Floppy Drive**
External 1.44 MB, 3.5" USB floppy drive (PCGA-UFD5)
- Weight**
8.6 lbs. with standard battery (weight is approximate and may vary)
- Size (W x H x D)**
16" x 1.7"-1.8" x 11"
- Supplied Accessories**
Standard Lithium-ion battery (PCGA-BP2EA), Power cord & AC adapter (PCGA-AC19V7), AV Entertainment Dock w/Speakers(2) & Remote Control
- Optional Accessories**
Additional Battery (PCGA-BP2EA)
AC Adapter (PCGA-AC19V7)
802.11 a/b/g Wireless LAN Router Access Point (PCWA-AR800)
802.11 a/b/g Wireless LAN Ethernet

- Converter (PCWA-DE80)³
- Visual Communication Camera (PCGA-UVC11A)
- Wireless optical mouse (PCGA-WMS5/S)
- USB Mobile Mouse- Black (PCGA-UMS3/B)
- USB Mobile Mouse- Silver (PCGA-UMS3/S)
- USB Optical VAIO Mouse (PCGA-UMS5)
- Memory Card Adapter (VGP-MCA10)
- 512MB memory expansion module (VGP-MM512G)
- 60GB External Hard Drive (PCGA-HDM06)²
- External Floppy Disk Drive (PCGA-UFD5)

SOFTWARE

- Operating System**
Microsoft® Windows® XP Home Edition
- Sony Original Software**
Click to DVD™ - DVD Creation
Giga Pocket® - Personal Video Recorder
SonicStage® Mastering Studio - Audio Mastering & Remastering
DVGate Plus™ - Digital Video
SonicStage® 2.1 - Digital Music
PictureGear Studio™ - Digital Photo
VAIO Media™ - Network File Sharing
- VAIO® A Series Software Bundle**
Adobe® Photoshop® Elements
Adobe® Photoshop® Album Starter Edition
Intuit Quicken® 2005 New User Edition (previous Quicken users may require additional upgrade)
InterVideo® WinDVD®
Microsoft® Works 7.0 - Word Processing, Spreadsheet, Calendar, Scheduling, Contact Management, and Database
Microsoft® Office® 2003 60-Day Trial (Student/Teacher Edition)
Sonic RecordNow!®⁷
- Anti-Virus Software**
Norton® Internet Security™ 90-Day Subscription - Norton AntiVirus™, Norton™ Personal Firewall, Norton™ Privacy Control, Norton AntiSpam™, Norton™ Parental Control

- Sony VAIO Update software
- Sony VAIO Recovery Wizard software
- Sony VAIO Help and Support software
- Internet Services**
AOL Online™ 90-day Trial

SERVICE AND WARRANTY INFORMATION

- Limited Warranty**
1 Year Limited Warranty⁸
- Telephone Support**
1 year toll-free technical telephone assistance, available 24-hours, 7-days-a-week⁸.
- On-line and Email 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. Requires compatible wireless LAN access point, sold separately. 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. Estimated battery life. Actual battery life may vary on usage.
8. See actual Limited Warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
9. 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.

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

