SONY

VAIO

More than a PC. It's a full-featured notebook.

VGN-A240/A240P CTO
Sony® VAIO®
Digital Studio™ PC

Portable Multimedia Entertainment
Feature-packed desktop replacement that performs more like an entertainment center. Plenty of power to serve all your computing needs.

Choice of Integrated Optical Drive
Enjoy professional quality DVDs and CDs.[4]

AV Entertainment Dock (optional)
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 is optimized for high-impact multimedia presentations or viewing multiple documents. XBRITE™ LCD technology delivers ultra crisp graphics. ErgoBright™ automatically adjusts resolution to 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 life[7]. A remarkable blend of full-size power and portability. Wireless capabilities let you connect wire free around your home or on the road[3]. (Excludes some models)

The Sony® VAIO® A Series Personal Notebook seamlessly unites desktop PC power and functionality with a fully loaded entertainment center, and performance that will rival any notebook computer. Optional AV entertainment dock plugs you into a powerful TV tuner, personal video recorder, high-end digital audio amplifier and premium Sony speakers.

Model
VGN-A240/A240P CTO

HARDWARE

Processor (Configurable)[1]
Intel® Pentium® M Processor 765 (2.1GHz, 2MB L2 Cache)
Intel® Pentium® M Processor 755 (2GHz, 2MB L2 Cache)
Intel® Pentium® M Processor 745 (1.80GHz, 2MB L2 Cache)
Intel® Pentium® M Processor 735 (1.70GHz, 2MB L2 Cache)
Intel® Pentium® M Processor 725 (1.60GHz, 2MB L2 Cache)
Intel® Celeron® M Processor 330 (1.40GHz, 512KB L2 Cache)
Intel® Celeron® M Processor 350 (1.30GHz, 1MB L2 Cache)

Front Side Bus Speed
400MHz

Chipset
Intel® 855PM

Integrated Wireless LAN (Configurable)
Intel® PRO/Wireless 2200BG Network Connection (802.11b/g)[3] or none

LCD
15.4" WXGA (1280x800) with XBRITE™ technology and ErgoBright™ technology

Hard Drive (Configurable)[2]
40GB (4200rpm), 60GB (4200rpm), 80GB (4200rpm), 80GB (5400rpm), 100GB (4200rpm)

Memory (Configurable)
256MB PC-2700 333MHz DDR (256MBx1), 512MB PC-2700 333MHz DDR (256MBx2), 512MB PC-2700 333MHz DDR (512MBx1), 1GB PC-2700 333MHz DDR (512MBx2), 1GB PC-2700 333MHz DDR (1GBx1), 2GB PC-2700 333MHz DDR (1GB x 2) (Expandable to 2GB Maximum)

Graphics
ATI Mobility™ Radeon™ 9200 64MB Video RAM

Graphics Interface
VGA out w/ Smart Display Sensor

Video Interface
A/V mini jack (Composite out/ Line out)

Optical Drive (Configurable)
DVD+R Double Layer/DVD±RW Drive
DVD+R Double Layer
+R
DVD+R Write (2.4x MAX)
DVD±RW[4]
±RW
DVD-R Write (8x MAX), DVD-RW Write (4x MAX)
DVD+R Write (8x MAX), DVD+RW Write (4x MAX)
DVD±RW/CD-RW Drive[4]
±RW
DVD-R Write (8x MAX), DVD-RW Write (4x MAX)
DVD+R Write (8x MAX), DVD+RW Write (4x MAX)
-RW
CD-R Write (24x MAX), CD-RW Write (24x MAX)
DVD-ROM/CD-RW Drive[4]
DVD Read (8x MAX), CD-R Write (24x MAX), CD-RW Write (24x MAX)

Modem
Integrated V.90 Modem with RJ-11 interface

Ethernet
10BASE-T/100BASE-TX Ethernet with RJ-45 interface

Audio
Windows® sound system compatible, Built-in stereo speakers

Audio Interface
Monaural mini microphone jack, Headphone jack

Memory Stick® Media Slot
Supports optional Memory Stick, Memory Stick PRO™ and Memory Stick DUO™ media[5]

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
90W+10%

Battery
Lithium-ion Battery (PCGA-BP2EA)

Estimated Battery Life
Standard Battery: 2.0-4.0 hours[7]

Weight
7.3 lbs. with standard battery (weight is approximate and may vary by components)

Size (W x H x D)
14" x 1.5"-1.8" x 10.9"

Supplied Accessories
Standard Lithium-ion battery (PCGA-BP2EA), Power cord & AC adapter

Configurable Accessories
AV Entertainment[10] Dock w/Giga Pocket® Engine MPEG2 Realtime, 4 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)
Speakers (2) & Remote Control
Wireless optical mouse (PCGA-WMS5/S)

Optional Accessories
Additional Battery (PCGA-BP2EA)
Port Replicator (VGP-PRA1)
AC Adapter for notebook depending on configuration (PCGA-AC19V3)
AC Adapter for AV Dock depending on configuration (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(VGP-MM512G)
60GB External Hard Drive (PCGA-HDM06)[2]
External Floppy Disk Drive(PCGA-UFD)

SOFTWARE

Operating System (Configurable)
Microsoft® Windows®
XP Home Edition(VGN-A270) or XP Professional(VGN-A270P)

Sony Original Software
Click to DVD™ - DVD Creation (w/DVD±RW drive option)
Giga Pocket® Personal Video Recorder (w/AV Dock)
DVGate Plus™ - Digital Video
PictureGear Studio™ - Digital Photo
SonicStage® 2.1 - Digital Music
VAIO Media™ - Network File Sharing

Standard Additional Software
Intuit® Quicken® 2005 New User Edition (available only on models w/ XP Home)[9]
InterVideo® WinDVD®
Microsoft® Works 8.0
Sonic RecordNow!® 7 (w/DVD±RW drive option only)

Anti-Virus Software
Norton Internet Security™ 90-Day

Subscription – Norton AntiVirus®, Norton Personal Firewall, Norton Privacy Control, Norton AntiSpam®, Norton Parental Control
Sony VAIO Recovery Wizard software
Sony VAIO Help and Support software
Sony VAIO Update software

Internet Services
AOL Online™ 90-day Trial

Optional Software
Microsoft® Office® 2003 60-Day Trial (Student/Teacher or Small Business Edition depending on OS)
Microsoft® Office 2003 (Basic, Small Business, or Professional Edition)
Adobe® Photoshop® Elements
Adobe® Photoshop® Album Starter Edition
Adobe® Premiere® (Standard or Professional Edition[11])
Sony SonicStage® Mastering Studio software with MP3 encoder

SERVICE AND WARRANTY INFORMATION

Limited Warranty
1 Year Limited Warranty[8]

Telephone Support
1 year toll-free technical telephone assistance, available 24-hours, 7-days-a-week[12].

On-line and Email Support
Support available from http://www.sony.com/pcsupport

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12. 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 may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and you 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. Preinstalled 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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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 and configuration options selected.
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. Previous Quicken users may require additional upgrade.
10. AV Entertainment Dock Option only available at time of purchase.
11. Not all features supported.

Sony® recommends Microsoft® Windows® XP Professional