



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

VGN-A270/A270P CTO

Sony® VAIO®

Digital Studio™ PC

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.

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

Create professional quality DVDs⁴ or CDs for playback on your notebook.

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 life⁷. A remarkable blend of full-size power and portability. Wireless capabilities let you connect wire free around your home or on the road⁸. (Not applicable to all models.)

Model
VGN-A270/A270P 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

Intel® PRO/Wireless 2200BG Network Connection (802.11b/g)³

Bluetooth™ (Configurable)

Integrated Bluetooth™ Technology or none⁸

LCD (Configurable)

17" WUXGA (1920x1200) with XBRITE™ Technology and ErgoBright™ Technology or 17" WXGA+ (1440x900) 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™ 9700
64MB Video RAM

Graphics Interface

VGA out w/ Smart Display Sensor

Video Interface

AV 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±RW⁴

±RW

DVD-R Write (8x MAX), DVD-RW Write (4x MAX)

DVD-R Write (8x MAX), DVD-RW Write (4x MAX)

DVD±RW/CD-RW⁴

±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-RW⁴

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/1000BASE-T

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™

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

Weight

8.6 lbs. with standard battery (weight is

approximate and may vary by components)

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)

Configurable Accessories

AV Entertainment¹¹ 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

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-UDF)

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)

SonicStage® Mastering Studio

software with MP3 encoder (w/AV Dock)

DVGate Plus™ - Digital Video

PictureGear Studio™ - Digital Photo

Recorder (w/AV Dock)

SonicStage® 2.1 - Digital Music

VAIO Media™ - Network File Sharing

Standard Additional Software

Intuit® Quicken® 2005 New User Edition

(VGN-A270)¹⁰

InterVideo® WinDVD®

Microsoft® Works 8.0

Sonic RecordNow!® 7

(w/DVD±RW drive option)

Anti-Virus & Recovery 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)¹²

SERVICE AND WARRANTY INFORMATION

Limited Warranty

1 Year Limited Warranty⁹

Telephone Support

1 year toll-free technical telephone assis-¹³

tance, available 24-hours, 7-days-a-week

On-line and Email Support

Support available from

<http://www.sony.com/pcsupport>

upgrade.

11. AV Entertainment Dock Option only available at time of purchase.

12. Not all features supported.

13. 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 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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Sony® recommends
Microsoft® Windows®
XP Professional