



# Premier Performance in a Notebook PC.

## VAIO Professional Series.

Think fast. Work smart. VAIO<sup>®</sup> Professional business notebooks optimize your productivity with a powerful combination of innovative technologies and mobility features that keep you connected and help you react as quickly as you think.

## Portable Multimedia Center

Powerful AV features for a wide range of business applications such as archiving video, or viewing financial reports or DVDs\*. With integrated DVD+R Double Layer/ DVD±RW drive or CD-RW/DVD-ROM drive, create, edit and burn business presentations for playback on your notebook.

## Next-Generation Technology

Ready to meet your growing A/V entertainment demands. Whether you're turning your analog content into digital video, or editing and converting your high-definition camcorder video, you have the tools you need. And, with the optional DVD+R Double Layer/ DVD±RW drive, you can burn up to 8.5GB of data, music or digital photos - or up to 4 hours of MPEG-2 video - on one Double Layer DVD disc\*.

## A Superior Viewing Experience

A powerful blend of Sony original technologies deliver an exceptional viewing experience. The 17" WUXGA or WXGA+ LCD with XBRITE™ technology brings movies to life with crisp images and vivid colors. Smart Display Sensor automatically adjusts to an optimal resolution when connecting to a compatible display or projector.

# VGN-A600B CTO

Sony<sup>®</sup> VAIO<sup>®</sup> Digital Studio PC

The Sony<sup>®</sup> VAIO<sup>®</sup> A Series Digital Studio PC is a premier notebook, designed to offer the cutting edge of technology and performance with incomparable style. Optional AV capabilities include premium speakers & entertainment dock with a TV tuner and personal video recorder.

**Model**  
VGN-A600B CTO

### HARDWARE

#### Processor (Configurable)

- Intel<sup>®</sup> Pentium<sup>®</sup> M Processor 770 (2.13GHz, 2MB L2 Cache)
- Intel<sup>®</sup> Pentium<sup>®</sup> M Processor 760 (2GHz, 2MB L2 Cache)
- Intel<sup>®</sup> Pentium<sup>®</sup> M Processor 750 (1.86GHz, 2MB L2 Cache)
- Intel<sup>®</sup> Pentium<sup>®</sup> M Processor 740 (1.73GHz, 2MB L2 Cache)
- Intel<sup>®</sup> Pentium<sup>®</sup> M Processor 730 (1.60GHz, 2MB L2 Cache)
- Intel<sup>®</sup> Celeron<sup>®</sup> Processor 360 (1.40GHz, 2MB L2 Cache)

#### Front Side Bus Speed

533MHz

#### Chipset

Intel<sup>®</sup> 915PM

#### Bluetooth<sup>®</sup> (Configurable)

Bluetooth<sup>®</sup> technology<sup>1</sup> or none

#### Integrated Wireless LAN (Configurable)

Intel<sup>®</sup> PRO/Wireless 2915ABG Network Connection (802.11a/b/g)<sup>3</sup> or Intel<sup>®</sup> PRO/Wireless 2200BG Network Connection (802.11b/g)<sup>3</sup>

#### LCD (Configurable)

17" WUXGA (1920x1200) with XBRITE™ technology and ErgoBright™ technology or 17" WXGA (1440x900) with XBRITE™ technology and ErgoBright™ technology

#### Hard Drive (Configurable)

100GB<sup>2</sup> (5400rpm), 80GB<sup>2</sup> (5400rpm), 60GB<sup>2</sup> (5400rpm), 40GB<sup>2</sup> (5400rpm)

#### Memory (Configurable)

2GB PC-4200 400MHz DDRW2 (1GB x 2)  
1GB PC-4200 400MHz DDRW2 (1GB x 1)  
1GB PC-4200 400MHz DDRW2 (512MB x 2)  
512MB PC-4200 400MHz DDRW2 (512MB x 1)  
512MB PC-4200 400MHz DDRW2 (256MB x 2)  
256MB PC-4200 400MHz DDRW2 (256MB x 1) (Expandable to 2GB)

#### Graphics

ATI Mobility™ Radeon<sup>®</sup> X600  
128MB DDR SDRAM

#### Graphics Interface

VGA out w/ Smart Display Sensor

#### Video Interface

A/V mini jack

#### Optical Drive (Configurable)

DVD+R Double Layer/ DVD±RW Drive<sup>4</sup>

Double Layer +R

DVD+R Write (2.4x MAX)

DVD±RW<sup>4</sup>

-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)

#### CD-RW/ DVD-ROM Drive

CD-RW

CD-R Write (24x MAX); CD-RW Write (24x MAX)

DVD ROM

DVD Read (8x MAX); CD Read (24x MAX)

#### Modem

Integrated V.90 Modem with RJ-11 interface

#### Ethernet

10BASE-T/100BASE-TX/1000

BASE-T Ethernet with RJ-45 interface

#### Audio

Windows<sup>®</sup> sound system compatible,

Built-in stereo speakers

#### Audio Interface

Monaural mini microphone jack,

Headphone jack

#### Memory Stick<sup>®</sup> Media Slot

Supports optional Memory Stick,

Memory Stick PRO™ and Memory

Stick DUO™ media<sup>5</sup>

#### PC Card Slots

One PCMCIA - Type II/Type I card slot with CardBus support

#### Other Interfaces

i.LINK<sup>®</sup> connector (IEEE 1394)<sup>6</sup>, 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 - 2.5 hours<sup>7</sup>

#### Weight

8.8 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, power cord & AC Adapter

### Configurable Accessories

AV Entertainment Dock with S-Master™ Digital Amplifier, 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), Giga Pocket™ MPEG2 realtime encoder/decoder board with TV Tuner  
Speakers(2) & Remote Control  
Wireless Mouse (PCGA-WMS5/S)

### Optional Accessories

Additional Battery (PCGA-BP2EA)  
AC Adapter for use with the AV Entertainment Dock (PCGA-AC19V7)  
AC Adapter for use with port replicator or stand-alone notebook (VGP-AC19V10)  
Port Replicator (VGP-PRA1)  
Visual Communication Camera (PCGA-UVC11A)  
USB Mobile Mouse- Black/ Silver (PCGA-UMS3/B/S)  
Wireless Keyboard and Mouse (VGP-WKB1)  
Memory Card Adapter (VGP-MCA10)<sup>10</sup>  
512MB memory expansion module (VGP-MM512L)  
Universal Carrying Case (VGP-AMB1)  
Sport Backpack (VGP-AMB2)  
Neoprene Notebook & AC Adapter (VGP-AMC2)  
60GB External Hard Drive (PCGA-HDM06)<sup>2</sup>  
External Floppy Disk Drive (VGP-UFD1)

### SOFTWARE

#### Operating System

Microsoft<sup>®</sup> Windows<sup>®</sup> XP Professional with Service Pack 2

#### VAIO<sup>®</sup> A Series Software Bundle

InterVideo<sup>®</sup> WinDVD<sup>®</sup>  
Microsoft<sup>®</sup> Works 8.0  
Sonic RecordNow<sup>®</sup> 7 (only available with DVD±RW drive option)

#### Optional Software

Sony<sup>®</sup> Click to DVD™ - DVD Creation (only available with DVD±RW drive option)  
Sony<sup>®</sup> DVGate Plus™ - Digital Video  
Sony<sup>®</sup> PictureGear Studio™ - Digital Photo  
Sony<sup>®</sup> SonicStage<sup>®</sup> - Digital Music  
Sony<sup>®</sup> SonicStage<sup>®</sup> Mastering Studio  
Sony<sup>®</sup> VAIO Media™ - Network File Sharing

Sony<sup>®</sup> VAIO Zone™ with WinDVD™

Sony<sup>®</sup> VAIO Zone™ with Personal Video Recorder (only available on AV Entertainment Dock)

Adobe<sup>®</sup> Photoshop<sup>®</sup> Elements

Adobe<sup>®</sup> Photoshop<sup>®</sup> Album Starter Edition

Adobe<sup>®</sup> Premiere Standard or Professional Edition<sup>11</sup>

Intermute™ SpySubtract™ 30-Day Trial  
Intuit Quicken<sup>®</sup> 2005 New User Edition (previous Quicken users may require additional upgrade)

Microsoft<sup>®</sup> Office 2003 (Basic, Small Business, or Professional Edition)

### Anti-Virus & Recovery Software

Norton<sup>®</sup> Internet Security™ 90-Day Subscription

VAIO<sup>®</sup> Update software

VAIO<sup>®</sup> Recovery Wizard software

VAIO<sup>®</sup> Help and Support software

### Internet Services (Optional)

AOL Online™ 90Day Trial - New Users Only

### SERVICE AND WARRANTY INFORMATION

#### Limited Warranty

1 Year Limited Warranty<sup>12</sup>

#### Telephone Support

1 year toll-free technical telephone assistance, available 24/7<sup>13</sup>.

#### 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. AV Entertainment Dock Option only available at time of purchase.
9. Interoperability among Bluetooth devices varies. Please see website for compatibility details.

10. Does not support MemoryStick media and Memory Stick PRO™ media using the MagicGate function or high-speed data transfer. Supports memory cards with capacities 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.

11. Not all features supported.

12. See actual Limited Warranty for details. For a copy of Sony's warranty, please visit [www.sony.com/pcsupport](http://www.sony.com/pcsupport), call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.

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 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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