SONY

VAIO PROFESSIONAL

Premier Performance in a Notebook PC.

VGN-A600B CTO Sony® VAIO® Digital Studio PC

VAIO Professional Series.

Think fast. Work smart. VAIO® 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[4]. 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[4].

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.

The Sony® VAIO® 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® Pentium® M Processor 770
(2.13GHz[1], 2MB L2 Cache)
Intel® Pentium® M Processor 760
(2GHz[1], 2MB L2 Cache)
Intel® Pentium® M Processor 750
(1.86GHz[1], 2MB L2 Cache)
Intel® Pentium® M Processor 740
(1.73GHz[1], 2MB L2 Cache)
Intel® Pentium® M Processor 730
(1.60GHz[1], 2MB L2 Cache)
Intel® Celeron® Processor 360
(1.40GHz[1], 2MB L2 Cache)

Front Side Bus Speed
533MHz

Chipset
Intel® 915PM

Bluetooth® (Configurable)
Bluetooth® technology[9] or none

Integrated Wireless LAN (Configurable)
Intel® PRO/Wireless 2915ABG Network Connection (802.11a/b/g)[3] or Intel® PRO/Wireless 2200BG Network Connection (802.11b/g)[3]

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

Hard Drive (Configurable)
100GB[2] (5400rpm), 80GB[2] (5400rpm), 60GB[2] (5400rpm), 40GB[2] (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® 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[4]

Double Layer +R
DVD+R Write (2.4x MAX)
DVD±RW[4]
-RW
DVD-R Write (8x MAX); DVD-RW Write (4x MAX)
+RW
DVD+R Write (8x MAX); DVD+RW Write (4xMAX)
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® 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
135W+10%

Battery
Lithium-ion Battery (PCGA-BP2EA)

Estimated Battery Life
Standard Battery: 1.0 - 2.5 hours[7]

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 (PCGA-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)[10]
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)[2]
External Floppy Disk Drive (VGP-UFD1)

SOFTWARE

Operating System
Microsoft® Windows® XP Professional with Service Pack 2

VAIO® A Series Software Bundle
InterVideo® WinDVD®
Microsoft® Works 8.0
Sonic RecordNow!® 7 (only available with DVD±RW drive option)

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

Sony® VAIO Zone™ with WinDVD™
Sony® VAIO Zone™ with Personal Video Recorder (only available on AV Entertainment Dock)
Adobe® Photoshop® Elements
Adobe® Photoshop® Album Starter Edition
Adobe® Premiere Standard or Professional Edition[11]
Intermute™ SpySubtract™ 30-Day Trial
Intuit Quicken® 2005 New User Edition (previous Quicken users may require additional upgrade)
Microsoft® Office 2003 (Basic, Small Business, or Professional Edition)

Anti-Virus & Recovery Software
Norton® Internet Security™ 90-Day Subscription
VAIO® Update software
VAIO® Recovery Wizard software
VAIO® Help and Support software

Internet Services (Optional)
AOL Online™ 90Day Trial - New Users Only

SERVICE AND WARRANTY INFORMATION

Limited Warranty
1 Year Limited Warranty[12]

Telephone Support
1 year toll-free technical telephone assistance, available 24/7[13].

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

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