SONY

VAIO

Mobility. Connectivity. Designed for Business.

VGN-B100/B100P CTO Series
Notebook

The Sony® VAIO® B Series Business Notebook is designed with the business user in mind. Mobility, connectivity and productivity features help you get the most out of your workday. Generous keyboard and display mean you don't have to sacrifice comfort for mobility and performance. Sophisticated design lets the world know that you mean business.

Portable Multitasking Center
Do business presentations without a projector on your 14.1" display. Side-by-side layout view. Powerful desktop replacement solution, yet still mobile.

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]. (Not available on all models.)

Smart Display Sensor Technology
No more meeting delays due to fumbling with your PC's Control Panel. Smart Display Sensor allows you to automatically adjust to an optimized resolution when plugging into a compatible external projector or display.

Integrated Optical Drive
Efficient media storage with choice of DVD-ROM, DVD-ROM/CD-RW or DVD±RW/CD-RW drive. Burn presentations and professional quality multimedia disks. Playback presentations on your notebook[4].

Model
VGN-B100/B100P CTO

HARDWARE

Processor (Configurable)[1]
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® Pentium® M Processor 715 (1.50GHz, 2MB L2 Cache)
Intel® Celeron® M Processor 350 (1.30GHz, 1MB L2 Cache)

Front Side Bus
400MHz

Chipset
Intel® 855GME

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

LCD (Configurable)
14.1" SXGA+(1400x1050) or 14.1" XGA(1024x768)

Hard Drive (Configurable)[2]
30GB (4200rpm), 40GB(4200rpm), 60GB (4200rpm),80GB (4200rpm), 100GB (4200rpm)

Memory (Configurable)
256MB (256MB x 1/DDR 333),
512MB (512MB x 1/DDR 333),
1GB (512MB x 2/DDR 333),
1.5GB (512MB x 1/DDR 333 and 1GB x 1/DDR 333)
(Expandable to 1.2GB or 1.5GB - On-board memory configured at time of purchase)

Graphics
Intel® 855GME Chipset Integrated Graphics
64MB (shared with Main Memory)

Graphics Interface
VGA out w/ Smart Display Sensor

Optical Drive (Configurable)
DVD±RW/CD-RW[4]
+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 (10x MAX)

CD-RW/DVD-ROM Combo Drive
CD-R Write (24x MAX), CD-RW Write (24x MAX)
DVD Read (8.3x MAX)

DVD-ROM/CD-ROM
CD Read (25.8x MAX), DVD Read (8.3x 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 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], 2 USB 2.0 ports, port replicator connector

Pointing Device
Electro-Static touch pad

Keyboard
QWERTY, 82 keys with 2mm stroke and 19.05mm pitch

Action Buttons
Power On, S1, S2 (programmable), Wireless LAN On/Off

Power Requirements
68W+10%

Battery
Lithium-ion Battery (PCGA-BP2V)

Estimated Battery Life
Standard Battery: 1.5-5.0[7] hours for Intel Pentium Processor.
Standard Battery: 1.5-2.5[7] hours for Intel Celeron Processor

Weight
5.11 lbs. with standard battery (weight is approximate and may vary)

Size (W x H x D)
12.6" x 1.14"-1.7" x 10.1"

Supplied Accessories
Standard Lithium-ion battery (PCGA-BP2V), Power cord & AC adapter (VGP-AC16V8)

Optional Accessories
Additional Battery (PCGA-BP2V)
Double Capacity Battery (PCGA-BP4V)

Port Replicator (VGP-PRB1)
AC Adapter (VGP-AC16V8)
802.11 a/b/g Wireless LAN Router Access Point (PCWA-AR800)
802.11 a/b/g Wireless LAN PC Card (PCWA-C800S)
802.11 a/b/g Wireless LAN Ethernet Converter (PCWA-DE80)[3]
Visual Communication Camera (PCGA-UVC11A)
USB Bluetooth® Adapter (PCGA-BA2)
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)
Privacy Filter (VGP-FL9)
60GB External Hard Drive (PCGA-HDM06)[2]
External DVD±RW Drive (PCGA-DDRW2)[4]
External Floppy Disk Drive(PCGA-UFD5)
Large Carrying Case (PCGA-CCGX)
Notebook Backpack (PCGA-CCP3 series)

SOFTWARE

Operating System (Configurable)
Microsoft® Windows® XP Home Edition (VGN-B100 CTO)
Microsoft® Windows® XP Professional (VGN-B100P CTO)

VAIO® Professional Software Bundle
Adobe® Acrobat® Reader
InterVideo® WinDVD®
Sonic RecordNow!® 7(DVD±RW only)

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

Optional Software
Sony Click to DVD™ software (DVD±RW Models only)
Sony SonicStage® 2.1 software
Sony VAIO Media™ software
Sony DVGate Plus™ software
Sony Picture Gear Studio™ software
Sony SonicStage®Mastering Studio software with MP3 encoder
Microsoft® Works 8.0 - Word Processing, Spreadsheet, Calendar, Scheduling, Contact Management and Database

Microsoft® Office 2003 (Basic, Small Business, or Professional Edition)
Adobe® Photoshop® Elements
Adobe® Photoshop® Album Starter Edition
Adobe® Premiere® (Standard or Professional Edition)

Internet Services
AOL Online™ 90-day Trial[8]

SERVICE AND WARRANTY INFORMATION

Limited Warranty
1 Year Limited Warranty[9]

Telephone Support
1 year toll-free technical telephone assistance, available 24-hours, 7-days-a-week[10].

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 and configuration options selected.
8. New users only. Terms and conditions apply.
9. 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.
10. 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

Sony recommends Microsoft® Windows® XP Professional