

Inspired by theater screens. Born from Sony® HD technology.

POWERFUL PC PERFORMANCE

Intel® Core™ 2 Duo P8400 processor (2.26GHz¹) with Intel® Centrino® 2 processor technology - the latest chipset from Intel®.

The VAD® FW notebook comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium 64bit⁵.

Built-in WirelessN technology offers a boost in wireless connection speed and range³.

INSPIRED BY THEATER SCREENS. BORN FROM SONY® HD TECHNOLOGY.

Fall in love with your favorite movies all over again with an extra-wide, theater-inspired 16.4" display (1600x900 resolution) using the energy-efficient XBRITE-ECO™ LCD technology.

The 16:9 aspect ratio ensures that you won't miss an inch of the original picture from your favorite movie while also providing valuable extra workspace. Compare two documents or websites side-by-side without the hassle of having to tab back and forth.

With integrated Blu-ray Disc™ technology and optical drive, you can archive or record¹⁷ 25-50GB² of home movies, music and digital photos to a single Blu-ray Disc™ media (sold separately).

An HDMI™ output delivers video and audio to external sources via a single cable so you can enjoy HD entertainment on your compatible big screen TV without a myriad of extra cables (HDMI™ cable sold separately)²⁰.

ENDLESS FEATURES

Store your favorite multimedia, important documents, and cherished family photos on the roomy 320GB² Serial ATA hard drive.

The VAD® FW notebook, designed with dedicated AV Controls¹⁹, makes navigating through your favorite multimedia quick and easy.

Whether it's for YouTube™, a class projector for sharing with friends and family, editing digital video captured by your Sony Handycam® is quick and easy with VAD® Movie Story software. You choose the supplied template and professional looking cutaways, cross-fades and soundtrack syncing are automatically done for you.

Stay connected to colleagues, friends and family with real time video conferencing⁴ using the integrated MOTO N EYE® camera and microphone.

Broaden your entertainment horizons with the VAD® FW notebook featuring an extra-wide 16.4" XBRITE-ECO™ LCD display. Great for watching¹⁶ and recording¹⁷ widescreen Blu-ray Disc™ movies or viewing two web sites side-by-side, this entertainment powerhouse is inspired by theater screens, born from Sony® HD expertise and powered by Intel® Centrino® 2 processor technology.



VG N FW 280J/H

VAD® FW Series Notebook PC

Specifications

General

Computer Type: Notebook
 Type of Use: Portable
 Action Buttons: SL, DVD Play, A/V Mode, Volume +/-, Play / Pause / Stop, WLAN / Bluetooth® on / off
 Pointing Device: Electro-static touch pad

Hardware

Keyboard: QWERTY, 86 keys with 2.0mm stroke and 19.05mm pitch
 Camera: Built-in 1.3 megapixel MOTTN EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor P8400
 Speed: 2.26GHz
 Front Side Bus Speed: 1066MHz
 L2 Cache: 3MB
 Technology: Intel® Centrino® 2 processor technology

Memory

Type: DDR2 SDRAM
 Installed: 4GB PC2-6400 (2GBx2)
 Maximum: 8GB
 Speed: 800MHz

Hard Drive

Capacity: 320GB²
 Speed: 7200rpm
 Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 2.4x max.
 DVD+R Write: 8x max.
 DVD+RW Write: 4x max.
 DVD-R Write: 8x max.
 DVD-RW Write: 4x max.
 CD-R Write: 8x max.
 CD Read: 24x max.
 DVD Read: 8x max.
 DVD-RAM Write: 5x max.
 DVD-R DL Write: 2x max.
 BD-R Read: 2x max.
 BD-R Write: 2x max.
 BD-ROM Read: 2x max.
 BD-RE Read: 2x max.
 BD-R DL Read: 1.6x max.
 BD-R DL Write: 1x max.
 DVD-RAM Read: 5x max.
 Blu-ray Disc™ Support: Yes (read¹⁶ / write¹⁷) (BD-R/-RE/-ROM / DVD±RW / ±R DL/RAM Drive)
 BD-RE DL Read: 1.6x max.
 BD-RE DL Write: 1x max.

Expansion Slots

MultiMedia Card Reader: One Memory Stick PRO™ (STD / Duo) media slot with MagicGate® functionality
 One ExpressCard® / 34 media slot
 One Secure Digital (SD™) memory card media slot

Audio

Sound System: Dolby Sound Room® Audio

Display

Screen Size: 16.4"⁴
 Resolution: 1600 x 900
 XBRITE-ECO™ Technology: Yes

Graphics

Processor Mobile Intel® Graphics Media Accelerator 4500M HD with Intel® Clear Video Technology
 Total Available Graphics Memory: 1750MB (max.)¹⁰
 Chipset: Mobile Intel® GM 45 Express Chipset
 Interface: HDMI™²⁰ and VGA output with Smart Display Sensor

Inputs and Outputs

Modem Jack: 1
 Microphone Input: 1
 USB Port(s): 3 (2.0 compliant)
 VGA Output(s): 1
 DC-In: 1
 iLINC® Connection: 1 (4pin) iLINC® connector (EEE1394)⁹
 Headphone Output(s): 1
 Ethernet Connection (s): 1
 HDMI™ Output: 1²⁰

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T (Gigabit)
 Ethernet Speed: Fast Ethernet (RJ-45)
 Modem Type: Integrated V.92/V.90 Modem (RJ-11)
 Wireless LAN: Intel® WiFi Link 5100AGN (802.11a/b/g/n)³
 Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology (2.1 + EDR)¹⁸

Power

Battery Type: Standard Capacity Lithium-Ion Battery (VG-P-BP513/S)
 Estimated Battery Life: 2.5 to 5.5 hours¹¹ Standard Capacity Battery
 3.5 to 8.0 hours¹¹ Large Capacity Battery
 Power Requirements: 86W + 10%

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium 64-bit⁵
 Internet Services: AOL® 90-Day Risk Free Trial - New Users Only
 Anti-Virus and Recovery Software: Microsoft® Windows Live™ OneCare™ Trial Version⁷
 Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007¹⁴
 The VAD® Software Experience: VAD® Startup Assistant
 Click to Disc Editor - Import, Edit, Burn
 VAD® Movie Story - Simple Movie Creation
 VAD® MusicBox - Music by Mood
 VAD® Media plus - Multimedia Streaming Software
 *Please access VAD® Help and Support from your PC for a complete list of software applications and trials.

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7¹³
 Online and Email Support: Support available from <http://www.esupport.sony.com/EN/VAD>
 Limited Warranty Term: 1 year limited warranty¹². See actual warranty for details.

Environmental Information

RoHS®: Compliant
 Form or information: www.sony.com/vabeco

Regulation and Standard Compliance

Energy Star® Compliant: 4.0

Dimensions

Weight: 6.7 lbs⁷ (with standard battery)
 Measurements: 15.1"(W) x 11.4-11.46"(H) x 10.3"(D)⁸

Supplied Accessories

Standard Lithium-Ion battery (VG-P-BP513/S)
 AC Adapter
 Power Cable

Optional Accessories

Large Capacity Battery (VG-P-BP113)
 Standard Capacity Battery (VG-P-BP513A/B)
 Stick AC Adapter (VG-P-AC19V21)
 AC Adapter (VG-P-AC19V25)
 USB Port Replicator (VG-P-UPR1)
 Neoprene Case (VG-P-AM C7)
 Ladies Leather Tote (VG-P-AM I4)
 Sport Messenger Bag (VG-P-AM B10)
 Bluetooth Laser Mouse¹⁸ (VG-P-BM S33/S)

Color: Titanium Gray
 UPC Code: 27422751675

- GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
- GB measures billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
- Requires 802.11n compatible access point. Some functionality may require Internet services, which may require a fee.
- Broadband Internet service required along with third party services which may require a subscription or other service fee.
- Microsoft® Windows Live™ OneCare™ Trial Version - This trial software will work for ninety (90) days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet. Internet service charges may apply. If you want to keep using the software after the 90-day trial period, you must buy a subscription. You can subscribe online by following the conversion instructions presented during setup and paying the required fees.
- Viewable area measured diagonally.
- Non-metric weights and measures are approximate and may vary.
- Measured at the narrowest point.
- iLINC is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an iLINC connector may not connect with each other.
- Total available graphics memory is to the new Windows Vista classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
- Actual battery life may vary based on product settings, usage patterns and environmental conditions.
- See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport/california 888-476-6972 (888-490-NYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Port Muench, FL 33913.
- For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable third party vendor. Availability and schedule for any such support determined by the applicable software vendor.
- 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet. Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
- Compatibility and performance in a 64-bit environment may vary. Check with the manufacturer of your software or accessories to ensure you have the latest updates.
- Certain third party software applications may prevent Blu-ray Disc™ media playback. For optimal performance, download a plug-in from <http://esupport.sony.com/EN/DRIVERS>.
- Video recording to Blu-ray Disc™ media is done in MPEG 2 and AVC format only.
- Interoperability and compatibility among Bluetooth® devices vary.
- AV function does not available when playing Blu-ray Disc™ media.
- Requires high definition capable display with HDMI™ connector. In age quality delivery.

Computer Interface: For this product, there are a number of varying software packages and add-on hardware options. This product is not manufactured to work with 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 on Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representation or warranty that this product is compatible with any combination of non-Sony products you may choose to connect to. While Sony represents that Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchases made determine the terms and conditions and compatibility of the hardware and software in each and every particular instance. Software that is pre-installed on the Sony computer is subject to change without notice. Pre-installed software may not be the latest version or have a different license. Features and specifications are subject to change without notice. This product meets the standards of the International Energy Star Program for energy efficiency. Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eia.org).
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