

Serious power, uncompromising class

REDISCOVER YOUR FAVORITES

Rediscover your favorite music, photos and more with Media Gallery™. Developed with design in mind, Media Gallery includes a stunning UI with easy-to-use features that take the work out of enjoying your media.

In one-step, integrated SensMe™ Technology simplifies your massive music library into playlists based on the elements of your music as well as your unique listening habits.

Instantly get the scoop on your favorite artist with built-in GraceNote™ support while an integrated YouTube™ search engine automatically seeks out and suggests music videos, interviews and other content related to the song being played.

Gesture Control introduces a whole new way to control content playing within Media Gallery. Using advanced technology, Media Gallery includes the ability to utilize your integrated webcam to detect specific hand movements that command the player to play, pause, skip forward or back through a song, video or slideshow.

POWERFUL PERFORMANCE

Enjoy the powerful performance of an Intel® Core™ i5 - 460M (2.53GHz) with Intel® Turbo Boost Technology¹⁸ up to (2.80GHz) and 4GB of system memory.

The VAIO® S Series notebook comes pre-installed with Genuine Microsoft® Windows® 7 Home Premium - **Bilingual (English/French)**.

Store your favorite multimedia, important documents, and cherished family photos on the massive 500GB² Serial ATA hard drive.

A 13.3" (1366x768) widescreen, LED backlit display⁴ uses power-efficient LCD technology and delivers dazzling colors and stunning picture clarity.

SMARTER TECHNOLOGY

The VAIO® S Series includes VAIO Care™ software, a simple do-it yourself PC maintenance tool for tune-ups, troubleshooting and more.

New built - in Intel® Wireless Display technology lets you wirelessly connect to projectors and HDTVs for simple streaming of content from your PC (display attachment sold separately).

Enjoying your media has never been more fun with the uniquely smart and easy-to-use Sony® Creativity Suite. Get instantly organized with smart sorting features, create personal masterpieces with easy-to-use creative tools and rediscover forgotten music and memories with breakthrough technology that recommends content based on your unique listening and viewing habits.

ENDLESS FEATURES

A backlit keyboard frames the keys with a soft glow and illuminates the lettering for convenient typing day or night.

Stay connected to friends and family while on the road with real-time video conferencing¹³ using the MOTION EYE® camera and microphone with face-tracking technology.

Take advantage of the convenience and utility of DVD and CD read/write functionalities.

G-Sensor™ Shock Protection¹⁷ technology locks up your hard disk drive when it senses a sudden movement to secure its position and help protect the disk from scratching.

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).



VPCS131FDS

VAIO Notebook - S Series

Specifications

General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: VAIO, Wireless Display, Wireless on / off
Pointing Device: Electro-static touchpad

Hardware

Keyboard: QWERTY, 86 keys with 1.7mm stroke and 19.05mm pitch - **Bilingual (English/French)**
Camera: Built-in MOTION EYE® camera and microphone with face-tracking technology
Backlit Keyboard: Yes

Processor

Type: Intel® Core™ i5 - 460M
Speed: 2.53GHz² with Turbo Boost Technology up to 2.80GHz
Technology: Intel® Turbo Boost Technology¹⁸
L3 Cache: 3MB

Memory

Installed: 4GB (2GBx2)
Maximum: 8GB
Type/Speed: DDR3/1066MHz

Hard Drive

Capacity: 500GB²
Speed: 5400rpm
Type: Serial ATA
Impact Protection: G-Sensor™ Shock Protection - Hard Disk Drive Protection¹⁷

Optical Drive

CD Support: Read / Write (CD/-R/-RW)
DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Expansion Slots

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

Audio

Sound System: Intel® High Definition Audio

Display

Screen Size: 13.3"¹⁴
Resolution: 1366 x 768
Back Light Technology: LED

Graphics

Processor: Intel® Graphics Media Accelerator HD¹⁹
Chipset: Mobile Intel® HM55 Express Chipset
Max. External Resolution via VGA: 2048x1536
Max. External Display Resolution via HDMI™ : 1920x1080¹²

Inputs and Outputs

Headphone Jack: 1
Microphone Input: 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)⁵
Ethernet Connection (s): 1
HDMI™ Output: 1
Internal Microphone: 1

Power

Battery Type: Standard Capacity Lithium-ion Battery
Power Requirements: 88W + 10%
DVD Playback: Up to 4 hours⁷ Standard Capacity Battery
Default Brightness: Up to 5.5 hours⁷ Standard Capacity Battery

Start-up Times

Average Boot Time: 60 sec¹⁴
Average Resume Time from Suspend: 2 sec¹⁴
First Boot Time: 5 min¹⁵

Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T
Ethernet Speed: Fast Ethernet (RJ-45)
Wi-Fi: Intel® Centrino® Advanced-N 6200
Bluetooth® Technology: Integrated Stereo A2DP (2.1 + EDR)⁹
Wireless Display: Intel® Wireless Display¹⁹

Software

Operating System: Microsoft® Windows® 7 Home Premium 64-bit¹¹ **Bilingual (English/French)**
System Maintenance and Support: VAIO Care™ - System diagnostics and maintenance
Sony® Creativity Suite: PMB - VAIO® Edition - Import, organize, edit and publish in one easy-to-use program
VAIO® Media Gallery™ Software- Bring forgotten favorites to life
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Service and Warranty Information

Telephone Support: **1 Year**⁸
Limited Warranty Term: **1 Year**

Environmental Information

EPEAT™ : Gold
RoHS®: Compliant
ENERGY STAR®: 5.0

Dimensions

Weight: 4.4 lbs (with standard capacity battery)
Measurements: 12.95"(W) x 1.08-1.24"(H) x 9.00"(D)⁵

Supplied Accessories

Standard Capacity Lithium-ion Battery (5000mAh)
AC Adapter
Power Cable

Optional Accessories

Large Capacity Battery (VGP-BPL21)
Additional Standard Capacity Battery (VGP-BPS21A/B)
AC Adapter (VGP-AC19V31)
Neoprene Carrying Case (VGP-AMC5)
Bluetooth® Remote Mouse⁹ (VGP-BMS80)
Bluetooth® Keyboard⁹ (VGP-BKB1)

Color: Silver

1. GHz denotes microprocessor internal clock speed and may vary.
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 802.11n compatible access point. Some functionality may require Internet services.
4. Viewable area measured diagonally.
5. Measured at the narrowest point.
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. Rating based upon laboratory testing. Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use.
8. See actual limited warranty for details.
9. Interoperability and compatibility among Bluetooth® devices vary.
10. Total Available Graphics Memory refers to the new Windows® 7 classification of Graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
11. Compatibility and performance in a 64-bit environment may vary.
12. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
13. Broadband Internet service required along with third party services which may require a subscription or other service fee.
14. Based on original factory image and will vary with product configuration changes and additional software added to the hard drive.
15. Excluding end user interaction.
16. Intel Turbo Boost Technology performance varies depending on hardware, software and overall system configuration. Check with your PC manufacturer on whether your system delivers Intel Turbo Boost Technology. For more information, see <http://www.intel.com/technology/turboboost>
17. Windows 7® is required for functionality of G-Sensor™ Shock Protection.
18. Intel Turbo Boost Technology performance varies depending on hardware, software and overall system configuration. Check with your PC manufacturer on whether your system delivers Intel Turbo Boost Technology. For more information, see <http://www.intel.com/technology/turboboost>
19. Intel® Wireless Display requires the NETGEAR® PTV1000 Push2TV Wireless TV Adapter (sold separately) and TV with HDMI™ or Composite AV input. Content requiring output protection (Blu-ray Disc™ and DVD movie playback) is not supported. 720p (max.) output. Image quality may vary.

Computer Interface: For this product, there are a multitude 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 non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. 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 computer are subject to change without notice. Pre-installed software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.

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