

VPCEH3NFX/W



The E Series laptop is built with the features and performance you need every day to stay connected and be entertained. With the 2nd gen Intel® Core™ i5 processor and 4GB of memory, you get smart performance and amazing picture quality in a laptop with a tantalizing texture and up-market design.

Leave no fingerprint

Whether it is open or closed, you will find yourself wanting to feel this VAIO® E Series laptop. With a textured, diamond-shaped pattern embossed on the lid and palm rest, this PC is artfully crafted to be pleasing to the eyes and to the touch without leaving any fingerprint smudges.

Built-in Blu-ray Disc™ Drive

The Blu-ray Disc™ player combines the power of HD Blu-ray Disc™ video playback with the convenience and utility of DVD and CD read/write functionalities. The best picture. The best sound. With stunning clarity, Blu-ray Disc™ technology is the ultimate way to enjoy your entertainment.

One button bliss

Discover special hardware buttons: VAIO, ASSIST and WEB that get you where you want to go with a touch of a button.

- One touch access to the web without full boot up into Windows® with WEB button.
- Press the VAIO button to launch either PMB (Picture Motion Browser) or Media Gallery™ software and create movies, and enjoy photos and music in a whole new way.
- ASSIST button links directly to VAIO Care™ software that helps maintain and troubleshoot PC issues for optimal performance.

Isolated keyboard

Practical innovation is a cornerstone of Sony's vision, and our keyboards are no exception. Designed for ease of use, the laptop features a precisely engineered keyboard and integrated 10-key number pad for the ultimate in speed and convenience.

Bold and Bright

Developed by the same people you trust to engineer amazing flat-panel HDTVs, this laptop features exceptional picture quality. The 15.5" (1366 x 768) widescreen display includes an LED backlight that helps ensure a bright display with lower power consumption for improved battery life.

Enjoy on your HDTV

Now enjoy all of your personal and online content on your big screen-by wirelessly connecting your laptop to your TV. Stop crowding around a laptop screen, with Intel® Wireless Display, you can sit back and experience your favorite videos, photos, movies, online TV shows, and more, all with great image clarity up to 1080p. Simply connect an adapter (sold separately) to your compatible TV and follow a few simple steps. Set it up once, and sharing your screen is as easy as pie.



Specifications

| Processor | |
|---------------------------------------|--|
| Processor Type | Intel® Core™ i5-2450M |
| Processor Technology | Dual Core |
| Processor Speed | 2.50GHz ¹ with Intel® Turbo Boost Technology up to 3.10GHz ² |
| Processor Cache | 3MB |
| Display | |
| Screen Size | 15.5" |
| Resolution | 1366 x 768 |
| Backlight Technology | LED |
| Memory | |
| Installed Memory | 4GB (4GB x 1) |
| Memory Type/Speed | DDR3/1333MHz |
| Max. Memory | 8GB |
| Graphics | |
| Graphics Processor | Intel® HD Graphics 3000 |
| Graphics Video RAM | Internal ⁶ |
| Storage | |
| Storage Type | Serial ATA |
| Storage Capacity | 320GB ⁴ |
| Storage Technology | 5400rpm |
| Optical Drive | |
| Optical Drive Type | Blu-ray Disc™ Player |
| Optical Drive Support - Blu-ray Disc™ | Read Only |
| Optical Drive Support - CD/DVD | Read / Write |
| Hardware | |
| Camera | Built-in web camera and microphone |
| Keyboard | QWERTY, 103 keys with 2.0mm stroke and 19.05mm pitch |
| 10-Key Numeric Pad | Yes |
| Audio | |
| Sound System | Intel® High Definition Audio |
| Inputs and Outputs | |

| DC-In | 1 |
|----------------------------------|--|
| USB 2.0 | 4 |
| VGA Output(s) | 1 |
| Headphone Output | 1 |
| Microphone Input | 1 |
| Secure Digital (SD) Slot | 1 |
| Memory Stick Duo™ | 1 |
| HDMI® Output(s) | 1 |
| Wireless/Networking | |
| Ethernet Protocol | 1000BASE-T/100BASE-TX/10BASE-T |
| WiFi Adapter | Intel® Centrino® Wireless-N 1000 |
| WiDi Ready | Yes - Intel® Wireless Display Technology ⁹ |
| Software | |
| Operating System | Genuine Windows® 7 Home Premium with Service Pack 1 64-bit |
| Supplied Software | Microsoft® Office Starter with reduced-functionality versions of Word and Excel®, VAIO Care™, Media Gallery™, PMB - VAIO Edition |
| Anti-Virus Software | Norton Internet Security™ 2012 30-Day Trial Offer ¹² |
| Service and Warranty Information | |
| Limited Warranty Term | 1 Year |
| Onsite/In-Home Service | Yes ¹³ |
| International Service | Yes ²⁰ |
| Toll-Free Phone Support | 888-476-6972 ⁸ |
| Priority Phone Support | 239-768-7605 ⁸ |
| Environmental Information | |
| ENERGY STAR® | 5.0 |
| ROHS® | Compliant |
| EPEAT™ | Gold |
| Dimensions (Approx.) | |
| Dimensions (Approx.) | 14.56" (W) x 1.24" - 1.45" (H) x 9.78" (D) |

| Weights and Measurements | |
|--------------------------|--|
| Weight (Approx.) | 5.97 lbs. (with Standard Battery) |
| Power | |
| Battery Type | Standard Lithium Ion Battery (4000mAh) |
| Default Brightness | Up to 5 hours ¹⁰ |
| DVD Playback | Up to 3 hours and 30 minutes ¹⁰ |
| General | |
| Action Buttons | VAIO, ASSIST, WEB, Wireless On/Off |
| Pointing Device | Touchpad (Gesture supported) |
| Accessories | |
| Supplied Accessories | Standard Lithium Ion Battery (4000mAh), AC Adapter, Power Cord |
| Colors | |
| Color | Glacier White |

1. GHz denotes maximum microprocessor internal clock speed and may vary based on application.
2. Requires a system with Intel® Turbo Boost Technology. Intel® Turbo Boost Technology and Intel® Turbo Boost Technology 2.0 are only available on select Intel® processors. Consult your PC manufacturer. Performance varies depending on hardware, software, and system configuration. For more information, visit <http://www.intel.com/go/turbo>.
4. 1 GB = one billion bytes. Actual formatted capacity will be less.
6. Allocation of system memory to graphics varies depending on operating condition, version of device driver and total system memory size.
7. Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®.
8. For some third party software, Sony provides initial support. Additional support may be available from the applicable vendor. Availability may vary by vendor.
9. Requires an Intel® Wireless Display-enabled system, compatible adapter, and TV. 1080p and Blu-ray™ or other protected content playback only available on 2nd gen Intel® Core™ processor-based PCs with built-in video enabled, a compatible adapter and media player, and supporting Intel WiDi software and graphics driver installed. Consult your PC manufacturer. For more information, see www.intel.com/go/widi.

10. Based on Sony engineering. Actual performance may vary considerably based on hardware configuration, software, power management settings, environmental conditions, wireless connectivity and other factors. Maximum battery capacity will normally decrease with time and use.
12. Norton™ Internet Security 2012 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identity theft.
13. Availability may be limited. See limited warranty for details.
20. Not all models applicable. Registration required. See www.sony.com/IRSP for details. Features and specifications subject to change without notice. Non-metric weights and measures are approximate.
Certain Microsoft products included with this computer may use technological measures for copy protection. IN SUCH EVENT YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during initial launch of the product, or upon certain re-installations of the software product(s) or reconfigurations of the computer and may be completed by Internet or telephone (toll charges may

apply).
This product meets the standards of the International Energy Star Program for energy efficiency.
©2012 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, VAIO, Memory Stick Duo, Exmor, S-Force, Vegas, ACID, Sound Forge, VAIO Care Media Gallery and the Sony make.believe logo are trademarks of Sony in the U.S. and in other countries. Intel, Core and Pentium are trademarks of the Intel Corporation in the U.S. and in other countries. Microsoft, Windows and Excel are registered trademarks of the Microsoft Corporation in the U.S. and in other countries. Blu-ray Disc and its logo is a trademark. Bluetooth and the Bluetooth logo are registered trademarks of Bluetooth SIG, Inc. Dolby and Dolby Home Theater are registered trademarks of Dolby Laboratories. Norton Internet Security is a trademark of Symantec Corporation or its affiliates in the U.S. and other countries. All other trademarks are trademarks of their respective owners.
Certain restrictions apply. See www.sonystyle.com/es/terms for more information.
UPC: 027242847613 / Updated: January 10, 2012