

## VPCEH24FX/B



The 15" E Series laptop is built with the features and performance you need every day to stay connected and be entertained. The isolated keyboard with an integrated number pad has with a pleasant-feeling textured touch pad that is integrated into the palmrest, your hands and fingers will be happy to compute.

### **VAIO, ASSIST and WEB that get you to where you want to go with a touch of a button.**

The VAIO® E series laptop comes with three special hardware buttons: VAIO, ASSIST and WEB that get you to 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 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 any PC issues for optimal performance.

### **Intel® Core™ i3 Processor technology**

As the first level of Intel's latest processor family with great multitasking built in, the 2nd generation Intel® Core™ i3 processor delivers a responsive and stunning PC experience you can both see and feel. That's visibly smart performance and it starts here. With the addition of a 640GB<sup>4</sup> hard drive and Intel® HD Graphics the E Series will keep you connected and entertained.

### **The way to enjoy PC content on a big screen**

#### Intel® Wireless Display

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.<sup>8</sup>

#### HDMI® output

Whether you're watching a movie or enjoying video captured from your compatible camcorder, the VAIO® E Series laptop lets you play back HD content on your compatible big screen HDTV with a high level of resolution. An HDMI® output delivers both your video and audio via a single HDMI cable (sold separately), providing the optimal digital connection to your HDMI-enabled HDTV so you can enjoy HD entertainment on the big screen without a myriad of extra cables and wires.

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. The VAIO® E series laptop also comes with three special hardware buttons: VAIO, ASSIST and WEB that get you to where you want to go with a touch of a button. These features combined with the 2nd generation Intel® Core™ i3 processor delivers a responsive and stunning PC experience you can both see and feel.



## Specifications

Processor	
Processor Type	Intel® Core™ i3-2330M
Processor Technology	Dual Core
Processor Speed	2.20GHz <sup>1</sup>
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 <sup>5</sup>
Storage	
Storage Type	Serial ATA
Storage Capacity	640GB <sup>4</sup>
Storage Technology	5400rpm
Optical Drive	
Optical Drive Type	CD/DVD Player / Burner
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
HDMI® Output(s)	1
Memory Stick Duo™	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 <sup>8</sup>

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® <sup>6</sup> , VAIO Care™, Media Gallery™, PMB - VAIO Edition
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Anti-Virus Software	Norton Internet Security™ 2012 30-Day Trial Offer <sup>11</sup>
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Service and Warranty Information	
Toll-Free Phone Support	888-476-6972 <sup>7</sup>
Onsite/In-Home Service	Yes <sup>12</sup>
International Service	Yes <sup>26</sup>
Limited Warranty Term	1 Year
Priority Phone Support	239-768-7605 <sup>7</sup>

Environmental Information	
ENERGY STAR®	5.0
EPEAT™	Gold
ROHS®	Compliant

Weights and Measurements	
Dimensions (Approx.)	14.56" (W) x 1.24" - 1.45" (H) x 9.78" (D)
Weight (Approx.)	5.97 lbs. (with Standard Battery)

Power	
Battery Type	Standard Lithium Ion Battery (4000mAh)

DVD Playback	Up to 3 hours 30 minutes <sup>9</sup>
Default Brightness	Up to 5 hours 20 minutes <sup>9</sup>
Maximum Brightness	Up to 4 hours 45 minutes <sup>9</sup>

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	Charcoal Black

1. GHz denotes maximum microprocessor internal clock speed and may vary based on application.

4. 1 GB = one billion bytes. Actual formatted capacity will be less.

5. Allocation of system memory to graphics varies depending on operating condition, version of device driver and total system memory size.

6. Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®.

7. For some third party software, Sony provides initial support. Additional support may be available from the applicable vendor. Availability may vary by vendor.

8. Requires TV Adapter and compatible television. Does not support Blu-ray Disc™ or other protected content playback.

9. Estimates 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.

11. 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.

12. Availability may be limited. See limited warranty for details.

26. Not all models applicable. Registration required. See [www.sony.com/IRSP](http://www.sony.com/IRSP) for details. Specifications subject to change. 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 reinstallation 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.

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