

## VPCF215FX/BI

### INTEL® CORE™ I7 PROCESSOR

Whether it's HD or 3D, multitasking or multimedia, this processor can handle it all with headroom to spare. Its top-of-the-line adaptable speed is complemented by Intel® Turbo Boost Technology 2.0 which adapts processor speed for more performance when you need it. Combined with our richest set of features, the 2nd generation Intel® Core™ i7 processor is the ideal choice for visibly smart performance at its best.<sup>3</sup>

### 3D TECHNOLOGY

Fusing cutting-edge technologies in an elegant design, the VAIO® F Series 3D laptop delivers a superior viewing experience in Full HD 1080p in 2D and 3D. Packed with a high frame rate LCD technology, this 3D laptop delivers incredibly high contrast levels and vibrant colors. Plus, a built-in 3D sync transmitter and included 3D Active Glasses let you enjoy 3D movies, photos and videos in Full HD 1080p picture quality.

Slide on the 3D Active Glasses and watch as images leap right into your lap. Sporting high-speed syncing with 3D images and an ultra-high contrast ratio, these glasses greatly reduce unwanted "ghosting" effects known as crosstalk. Adjustable and comfortable, they are designed with side panels to block out excess light that creates annoying glare on other glasses. Better yet, they fit over prescription eyewear, and feature batteries that last up to 100 hours.<sup>5</sup>

### The need for speed

Utilizing an ultra-fast, 240Hz refresh rate with high-speed precision, VAIO® F Series 3D laptop can display two frames, one for the left eye and one for the right, delivering a seamlessly smooth motion without the introduction of judder.

### WATCH BLU-RAY DISC™ MOVIES

The versatile BD-ROM drive on the VAIO® F laptop 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 its stunning clarity, 3D Blu-ray Disc™ technology is the ultimate way to enjoy your entertainment.

### SOUND

You don't need a complete home theater system to get vibrant sound. With the S-Force™ Front Surround 3D system, you can enjoy an extended stereo effect plus simulated 5-channel surround sound, making it the perfect companion to 3D entertainment.

### FULL 1080P LCD TECHNOLOGY

With a 1920X1080 resolution widescreen display, you can view your games and movies in impeccable detail with amazing color and contrast.

The F series 3D laptop in Full HD1080p creates an immersive viewing experience with images so realistic you feel like you are part of the action whether you watch in 2D or 3D. And it's loaded for all-out performance with a quad core Intel® Core™ i7 processor, dedicated NVIDIA® GeForce® graphics with 1GB<sup>4</sup>, and up to 6GB RAM.



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## Specifications

### General

Action Buttons: VAIO, ASSIST, 3D Mode, Play/Pause, Stop, Next, Previous, Wireless On/Off

Pointing Device: Electrostatic Touchpad (Multi-Finger)

### Hardware

Keyboard: QWERTY, 103 keys with 2.0mm stroke and 19.05mm pitch

Camera: Built-in HD camera powered by Exmor™ and microphone

10-Key Numeric Pad: Yes

Backlit Keyboard: Yes

### Processor

Type: Intel® Core™ i7-2630QM

Speed: 2.00GHz<sup>1</sup> with Turbo Boost technology<sup>20</sup> up to 2.90GHz<sup>1</sup>

Technology: Quad Core

Cache: 6MB

### Memory

Installed: 6GB (4GB + 2GB)

Maximum: 8GB

Type/Speed: DDR3-1333MHz

### Hard Drive

Capacity: 640GB<sup>2</sup>

Type: Serial ATA

Technology: 7200rpm

### Optical Drive

Type: Blu-ray<sup>26</sup> Disc™ ROM Drive

### Audio

Sound System: Intel® High Definition Audio with Dolby® Home Theater technology<sup>19</sup>

### Display

Screen Size: 16.0"<sup>4</sup>

Resolution: 1920 x 1080

Technology: 3D, FullHD

Back Light Technology: LED

### Graphics

Processor: NVIDIA® GeForce® GT 540M

Video RAM: 1GB dedicated

### Inputs and Outputs

Headphone Jack: 1

Memory Stick® Media Slot: 1

Microphone Input: 1

VGA Output(s): 1

DC-In: 1

HDMI™ Output(s): 1

Secure Digital (SD) Slot: 1

USB 2.0: 1

USB 3.0: 2

### Power

Battery Type: Standard Capacity Lithium-Ion Battery

### Start-up Times

Average Boot Time: 60 seconds<sup>16</sup>

Average Resume Time from Suspend: 2 seconds<sup>16</sup>

First Boot Time: 5 minutes<sup>17</sup>

### Wireless/Networking

Ethernet Protocol: 10baseT/100baseTX/1000baseT

Bluetooth® Technology: Bluetooth Integrated Stereo A2DP (2.1 + EDR)<sup>18</sup>

WiFi Adapter: Atheros® 802.11b/g/n<sup>3</sup>

### Software

Operating System: Genuine Windows® 7 Home Premium 64-bit<sup>12</sup>

Supplied Software: Microsoft® Office Starter<sup>11</sup> with reduced-functionality versions of Word and Excel, VAIO Care™, Media Gallery™, PMB - VAIO Edition<sup>9</sup>

Anti-Virus Software: Norton Internet Security™ 2011 30-Day Trial Offer<sup>13</sup>

### Service and Warranty Information

Onsite/In-Home Service: Yes<sup>14</sup>

International Service: Yes

Limited Warranty Term: 1 Year Limited Warranty. See actual warranty for details<sup>8</sup>

### Environmental Information

RoHS®: Compliant

### Dimensions

Measurements: 15.69" (W) x 1.34" - 1.79" (H) x 10.69" (D)<sup>5</sup>

### Supplied Accessories

Standard Capacity Lithium-Ion Battery (5000mAh), AC Adapter, Power Cord

Color: Black

UPC Code: 027242820760

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. Estimates only based upon Sony engineering testing. Actual performance will vary based on notebook settings, environmental conditions, and usage. Battery capacity decreases over time and use.
8. See actual limited warranty for details. For a copy of Sony's warranty, please visit [www.sony.com/pcsupport](http://www.sony.com/pcsupport), call tollfree 888-476-6972 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
9. 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. Long distance charges may apply.
10. Broadband Internet service required along with third party services which may require a subscription or other service fee.
11. Includes Microsoft® Office 2010 preloaded. Purchase a Product Key to activate a full Microsoft Office 2010 suite.
12. Compatibility and performance in a 64-bit environment may vary.
13. Norton Internet Security™ 2011 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.
14. When available, Sony will provide Onsite/In-Home Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite/In-Home Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite/In-Home Service may not be available in all locations.
15. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
16. Based on original factory image and will vary with product configuration changes and additional software added to the hard drive.
17. Excluding end user interaction.
18. Interoperability and compatibility among Bluetooth® devices vary.
19. Intel® Wireless Display requires the NETGEAR® PTV1000Push2TV Wireless TV Adapter (sold separately) and TV with HDMI™ or Composite AV input. Content requiring output protection (Bluray Disc™ and DVD movie playback) is not supported. 720p (max.) output. Image quality may vary.
20. Intel® Turbo Boost Technology requires a PC with a processor with Intel Turbo Boost Technology capability. Intel Turbo Boost Technology performance varies depending on hardware, software and overall system configuration.
21. Intel® Hyper-Threading Technology (Intel® HT Technology) requires a computer system with a processor supporting Intel HT Technology and an Intel HT Technology-enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use.
22. Windows® 7 is required for feature functionality. Rebooting is necessary on pre-installed and downgraded Windows® XP Professional models.
23. Sprint and Verizon Wireless Mobile Broadband service sold separately. Mobile Broadband is available to more than 285 million people in 264 major metro areas in the U.S. Offers and coverage, varying by service, not available everywhere. Network details & coverage maps at [vzw.com](http://vzw.com). ©2010 Verizon Wireless.
24. GPS is available in the U.S. and Canada only. Map detail will vary.
25. Camera must have TransferJet™ functionality and use TransferJet enabled media (sold separately). Interoperability and compatibility among TransferJet enabled devices may vary.
26. Certain circumstances may limit/prevent Blu-ray Disc™ media playback.

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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 a compatible 802.11 access point (802.11n recommended) and internet connection.
4. Viewable area measured diagonally.
5. Measured at the narrowest point.