

## VPCL224FD/B

A contemporary high-definition PC/TV with a stunning 24" Full HD LED backlit multi-touch display, offering intuitive touch access to Internet, movies, music, photos and more. With so many integrated features, the L Series delivers the ultimate one-stop shop for your every productivity and entertainment need.



### Cool to the touch

Thanks to Edge Access™ technology, the touchable area extends to the display's edge and incorporates touchable controls into the glass bezel. Easily access everyday shortcuts such as close, next, previous, zoom, and on-screen keyboard in one dedicated space.



### Space Saving

Curb clutter in your workspace with a powerful computer that's built into the back of a stunning 24" Full HD LED backlit display. Compact, sleek and easy-to-use, the L Series is as practical as it is stylish. Its all-in-one design concept requires only a single power cord to keep you powered, connected and in-control to ensure you'll never have a tangled mass of wires invading your foot space.



### The True Beauty of Displays

Measuring an impressive 24" and sporting a cinema-inspired 16:9 aspect ratio, the 1920 X 1080 Full HD resolution widescreen display lets you view your games and movies in impeccable detail with amazing color and contrast from virtually any angle. Transform your VAIO® L Series into a one stop multimedia shop. Connect your compatible cable box, satellite receiver or PS3™ system directly to the L Series with an HDMI® input (HDMI cable required, sold separately).



### Intel® Core™ Processor technology

For the most visible difference in HD, multitasking or multimedia, get the processor with top-of-the-line performance you can truly see and feel. With our best set of features for the speediest and most responsive experience, the 2nd generation Intel® Core™ processor is the ideal choice for whatever you want to do. It's visibly smart performance at its best.

### Watch Blu-ray Disc™ movies

The versatile Blu-Ray Disc™ player drive on the L Series 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.

### Built-in HD web camera and microphone

The L Series features a HD web camera powered by an Exmor™ image sensor which allows for great low-light performance. The built-in camera and microphone is excellent for video messaging with family, friends and coworkers. Face tracking technology allows the camera to automatically adjust focus and follow you as you move around while video chatting.

With a 2nd generation Intel® Core™ processor and Blu-ray Disc™ the L Series provides an amazing multimedia experience. A 24" Full HD Touch Display with images so realistic, the L Series is in a class by itself. You get smart performance and amazing picture quality all in a sleek, up-market design.

## Specifications

Processor	
Processor Type	Intel® Core™ i3-2310M
Processor Technology	Dual Core
Processor Speed	2.10GHz <sup>1</sup>
Processor Cache	3MB

Display	
Screen Size	24.0" (diag.)
Resolution	1920 x 1080
Backlight Technology	LED
Display Technology	Full HD, Touchscreen
Memory	
Installed Memory	6GB (4GB x 1, 2GB x 1)
Memory Type/Speed	DDR3/1333MHz
Max. Memory	8GB
Graphics	
Graphics Processor	NVIDIA® GeForce 315M
Graphics Video RAM	512MB Dedicated
Storage	
Storage Type	Serial ATA
Storage Capacity	1TB <sup>4</sup>
Storage Technology	7200rpm
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 HD web camera powered by Exmor™ sensor and microphone
Keyboard	QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual
10-Key Numeric Pad	Yes
Audio	
Sound System	Intel® High Definition Audio with S-FORCE® Front Surround 3D and Dolby® Home Theater® Technology v3
Inputs and Outputs	
DC-In	1
USB 3.0	2
USB 2.0	3
Microphone Input	1
Secure Digital (SD) Slot	1
HDMI® Output(s)	1
Memory Stick Duo™	1
HDMI® Input	1
Headphone Output	1
Wireless/Networking	
Bluetooth® Technology	Bluetooth Integrated Stereo A2DP (2.1 + EDR)
Ethernet Protocol	1000BASE-T/100BASE-TX/10BASE-T
WiFi Adapter	Atheros® 802.11b/g/n
Software	
Operating System	Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)
Anti-Virus Software	Norton Internet Security™ 2011 30-Day Trial Offer <sup>11</sup>
Supplied Software	Microsoft® Office Starter with reduced-functionality versions of Word and Excel® <sup>6</sup> , VAIO Care™, Media Gallery™, PMB - VAIO Edition

**Service and Warranty Information**

International Service	Yes
Limited Warranty Term	1 Year

**Environmental Information**

ENERGY STAR®	5.0
EPEAT™	Gold
ROHS®	Compliant

**Weights and Measurements**

Dimensions (Approx.)	23.94" (W) x 16.89" (H) x 6.62" (D)
Weight (Approx.)	25.83 lbs.

**Start-up Times**

Average Boot Time	60 seconds
Average Resume Time from Suspend	2 seconds
First Boot Time	5 minutes, excluding end user interaction

**General**

Action Buttons	ASSIST, WEB, VAIO, Display Off, Menu, Menu Up/Down, Input/OK, Volume Up/Down
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**Supplied Accessories**

Supplied Accessories	Wireless Keyboard (VGP-WKB11), Wireless Laser Mouse (VGP-WMS30), AA Batteries x 2, AC Adapter, Power Cord
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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.

6. This PC is preloaded with reduced-functionality versions of Word and Excel that include advertising. Purchase an Office 2010 Product Key to activate full-featured Office software on this PC.

9. Estimates based upon Sony engineering testing. Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use.

11. 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 identify theft.

14. Mount sold sep.

Specifications subject to change. Non-metric weights and measures are approximate.

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This product meets the standards of the International Energy Star Program for energy efficiency.

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