

## SVP13213CXS



At just 2.34 lbs, the carbon fiber VAIO® Pro 13 Ultrabook™ offers exceptional performance, a FULL HD TRILUMINOS Display for mobile with 10 point touchscreen, all day mobility in a sleek design. Get even longer battery life with the optional extended sheet battery. Equipped with a 4th generation Intel® Core™ i5 processor, card and 4GB<sup>4</sup> of memory, and with a high speed PCIe solid state drive the VAIO® Pro is an ideal solution for your mobile computing needs.



### Ultra-light with durable carbon fiber

With uncompromising attention to detail and a passion for design, the VAIO® Pro is an expertly engineered and extremely durable. The carbon fiber construction keeps it light but also helps protect it from the rigors of the road. The palmrest was created for maximum comfort while typing so your hands will feel less stress will keyboarding for long periods of time.



### More brilliant color than ever

The 13.3" Full HD 1920 x 1080p touchscreen LCD with TRILUMINOS Display for mobile creates incredibly true, natural shades of colors – just the way you want to see them. Thanks to a new-generation technology that makes colors purer and more distinct with a wider color range, giving images a heightened sense of depth. Equipped with IPS (in-plane switching) technology so you can enjoy a crisp image from any viewing angle - perfect for giving an important presentation or watching the latest blockbuster hit. And with the X-Reality for Mobile video quality is vastly improved making that blockbuster hit look even more sharp.



### High speed SSD

VAIO Pro 13 includes a high speed PCIe SSD drive standard on all models. PCIe technology allows for faster performance than traditional laptop SSD drives<sup>17</sup>. Get quicker boot-ups, faster application launches and overall enhanced performance. And of course, since SSD technology includes no moving parts, you get a more durable storage solution less prone to physical damage.

### Night Shift

Practical innovation is a cornerstone of Sony's vision, and our keyboards are no exception. The keyboard features precisely engineered keys to create a comfortable and intuitive typing experience. When typing in dim light, an LED backlight creates a pleasant glow, framing the individual keys and illuminating the lettering to make it even easier to find the right keys .

### All-Day Mobility

Enjoy all day mobility and long battery life with VAIO Pro<sup>10</sup>. With the optional large capacity sheet battery, you leave behind the traditional bulky and protruding long-life batteries of the past. Attaching seamlessly to the bottom of the laptop and by operating in tandem with it, you'll enjoy up to double the battery life - helping to keep you unplugged longer.



## Specifications

<b>Processor</b>		DC-In	1	<b>Power</b>	
Processor Type	Intel® Core™ i5-4200U	USB 3.0	1 + 1 (Charge)	Battery Type	Internal Lithium Polymer Battery (VGP-BPS38 4740mAh)
Processor Technology	Dual Core	Secure Digital (SD) Slot	1	Battery Life	Up to 6 hours and 30 minutes <sup>10</sup>
Processor Speed	1.60GHz <sup>1</sup> with Intel® Turbo Boost Technology up to 2.60GHz <sup>2</sup>	HDMI® Output(s)	1	<b>General</b>	
Processor Cache	3MB	Headphone Output + Microphone Input	1	Security	Intel® Identity Protection Technology, Intel® Anti-Theft Technology <sup>14</sup>
<b>Display</b>		<b>Wireless/Networking</b>		Action Buttons	ASSIST
Screen Size	13.3"	Bluetooth® Technology	Bluetooth Standard (4.0 + HS)	Pointing Device	Clickable Touchpad (Gesture Supported)
Resolution	1920 x 1080	Wi-Fi® Adapter	Intel® Dual Band Wireless-N 7260 (802.11 a/g/n)	<b>Accessories</b>	
Touch Technology	Capacitive Touchscreen	WiDi Ready	Yes - Intel® Wireless Display Technology <sup>9</sup>	Supplied Accessories	Internal Lithium Polymer Battery (VGP-BPS38 4740mAh), AC Adapter, Power Cord
Display Technology	Full HD, Triluminos Display for Mobile	NFC	Yes	<b>Colors</b>	
Backlight Technology	LED	<b>Software</b>		Color	Carbon Silver
<b>Memory</b>		Operating System	Genuine Windows 8 64-bit		
Installed Memory	4GB (4GB x 1)	Supplied Software	Microsoft® Office trial, VAIO Care™, PlayMemories Home™, ArtRage® Studio		
Memory Type/Speed	DDR3/1600MHz	Anti-Virus Software	Kaspersky® Internet Security 30-Day Trial Offer <sup>12</sup>		
Max. Memory	Fixed	<b>Service and Warranty Information</b>			
<b>Graphics</b>		Limited Warranty Term			
Graphics Processor	Intel® HD Graphics 4400	1 Year			
Graphics Video RAM	Internal	Onsite/In-Home Service			
Maximum Resolution	1920 x 1080	Yes <sup>13</sup>			
HDMI		International Service			
<b>Storage</b>		Yes <sup>5</sup>			
Storage Type	PCIe Solid State Drive	Toll-Free Phone Support			
Storage Capacity	128GB <sup>4</sup>	888-476-6972 <sup>8</sup>			
<b>Hardware</b>		Priority Phone Support			
Camera	1.0 MP HD Web Camera powered by Exmor R® for PC and microphone	239-768-7605 <sup>8</sup>			
Keyboard	QWERTY, 82 keys with 1.35mm stroke and 19mm pitch	<b>Environmental Information</b>			
Backlit Keyboard	Yes	ENERGY STAR®			
<b>Audio</b>		5.1			
Sound System	Intel® High Definition Audio with ClearAudio+	ROHS®			
<b>Inputs and Outputs</b>		Compliant			
		EPEAT™			
		Silver			
		<b>Weights and Measurements</b>			
		Dimensions (Approx.)			
		12.68" (W) x 0.68" (H) x 8.50" (D)			
		Weight (Approx.)			
		2.34 lbs. (with Internal Battery)			

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>.

3. 1 GB = one billion bytes. Actual formatted capacity will be less.

4. Not all models applicable. Registration required. See [www.sony.com/IRSP](http://www.sony.com/IRSP) for details.

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

6. (WiDi) Requires an Intel® Wireless Display-enabled system, compatible adapter, and TV. 1080p and Blu-ray™

7. or other protected content playback only available on 3rd or 4th generation Intel® Core™ processor-based

8. PCs with built-in visuals enabled, a compatible adapter and media player, and supporting Intel®

9. WiDi software and graphics driver installed. Consult your PC manufacturer. For more information, see

[www.intel.com/go/widi](http://www.intel.com/go/widi).

10. Based on Sony engineering testing. 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. Kaspersky Internet Security 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 Kaspersky Internet Security to continue to be protected from cybercriminals, identity theft, viruses, and other threats.

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

13. No system can provide absolute security under all conditions. Requires an enabled chipset, BIOS, firmware, and software, and a subscription with a capable service provider. Consult your system manufacturer and service provider for availability and functionality. Intel assumes no liability for lost or stolen data and/or systems or any other damages resulting therefrom. For more information, visit <http://www.intel.com/go/anti-theft>.

14. No system can provide absolute security under all conditions. Requires an Intel® Identity Protection Technology-enabled system, including a 2nd or 3rd gen Intel® Core™ processor, enabled chipset, firmware, and software, and participating website. Consult

your system manufacturer. Intel assumes no liability for lost or stolen data and/or systems or any resulting damages. For more information, visit <http://ipt.intel.com>.

15. Versus some capacity SSD. Performance varies depending on SSD capacity, system specifications, settings, and usage.

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UPC: 027242962385 / Updated: June 25, 2013