



## VAIO® Professional SZ Series Notebooks

The slim, lightweight VAIO® SZ Notebook delivers an inspiring blend of mobile design, cutting-edge performance and contemporary style. With a 13.3" wide-screen display with XBRITE™ LCD technology, advanced wireless features and next-generation processing technology you can work faster, do more and get the most from every moment.



### SZ SZ640 series



### SZ Premium SZ650, SZ660, SZ670, SZ680 series & SZ691

<b>Operating System</b>	Windows Vista® Business	Windows Vista® Business
<b>Processor</b>	Intel® Core™ 2 Duo (800MHz Front Side Bus)	Intel® Core™ 2 Duo (800MHz Front Side Bus)
<b>Wireless Technologies</b>	<ul style="list-style-type: none"> <li>• 802.11 a/b/g/n wireless LAN*</li> <li>• Bluetooth® technology</li> </ul>	<ul style="list-style-type: none"> <li>• Optional wireless Wide Area Network (WAN)<sup>3</sup> through Sprint® Mobile Broadband</li> <li>• 802.11 a/b/g/n wireless LAN*</li> <li>• Bluetooth® technology</li> </ul>
<b>LCD</b>	13.3" WXGA with XBRITE™ technology	13.3" WXGA with XBRITE™ technology and white LED backlight
<b>Casing</b>	Magnesium alloy	Carbon fiber or premium carbon fiber
<b>Weight</b>	4.19 lbs. <sup>1</sup> (with standard battery)	4 lbs. <sup>1</sup> (with standard battery)
<b>Profile</b>	Just over 1" thin <sup>2</sup>	0.9" thin <sup>2</sup>
<b>Camera and Microphone</b>	Available*	Available*
<b>Graphics</b>	Hybrid Graphics System with NVIDIA® GeForce® 8400M GS GPU and Mobile Intel® Graphics Media Accelerator X3100	Hybrid Graphics System with NVIDIA® GeForce® 8400M GS GPU and Mobile Intel® Graphics Media Accelerator X3100
<b>Optical Drive</b>	DVD±R DL/DVD±RW*	DVD±R DL/DVD±RW*
<b>Memory, Hard Drive</b>	Up to 2GB, 160GB <sup>12</sup>	Up to 2GB, 200GB <sup>12</sup>
<b>Integrated Flash Memory</b>	Optional hybrid hard drive with flash memory	Optional hybrid hard drive with flash memory
<b>Battery</b>	2.5 to 4 hours* (with standard battery)	2.5 to 6 hours* (with standard battery)

<b>Highlighted Premium Features</b>	<ul style="list-style-type: none"> <li>• Lighter, thinner form factor</li> <li>• High capacity battery</li> <li>• XBRITE™ technology with white LED backlight and razor-thin LCD panel</li> <li>• Carbon-fiber or premium carbon-fiber casing</li> <li>• Optional wireless Wide Area Network (WAN)<sup>3</sup> through Sprint® Mobile Broadband</li> </ul>
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## VAIO® Professional VAIO Care Program

Supporting the IT needs of your business throughout the product lifecycle. As an executive or IT professional, you know that hardware management can be one of the most critical and complex aspects of your business, whether you're supporting a few notebooks or planning a full-scale IT deployment.

The Sony VAIO Care Program – available direct from Sony – ensures that your pre- and post-sales support and service provides exactly what your business needs, when and how it needs it.

You Are	Planning an IT solution	Acquiring an IT solution	Deploying an IT solution	Supporting an IT solution	Refreshing an IT solution
<b>The VAIO Care Program</b>	...the dedicated expertise of a Sony Business Consultant or VAIO engineering specialist who understands your business and its unique needs.	...the flexibility to acquire IT products in the way that's best for you, your business and your bottom line.	...customization of your IT products to help meet the unique needs of your business, your users and your systems.	...help from Sony's highest level support technicians – both onsite and offsite – to efficiently resolve any technical issues.	...options to help you efficiently, economically and responsibly retire your old hardware and begin planning for the future.
<b>Options include</b>	<ul style="list-style-type: none"> <li>• Consultation services</li> <li>• Custom image development</li> <li>• Image verification</li> <li>• Build-to-order PCs</li> </ul>	<ul style="list-style-type: none"> <li>• Purchasing from your preferred Solution Provider.</li> </ul>	<ul style="list-style-type: none"> <li>• Build-to-order PCs</li> <li>• Custom image installation*</li> <li>• Asset tagging*</li> </ul> <p>* Minimum volume required</p>	<ul style="list-style-type: none"> <li>• Extended Service Plans and Accidental Damage Protection</li> <li>• On-site service options<sup>11</sup></li> <li>• Sony's premium customer support hotline</li> </ul>	<ul style="list-style-type: none"> <li>• Trade-in programs</li> </ul>

1. Non-metric weights and measures are approximate and may vary.  
 2. Measured at the narrowest point.  
 3. Subscription with Sprint® Mobile Broadband required. See [www.sony.com/sprint](http://www.sony.com/sprint) for complete offer details, price plans, service terms and conditions, and coverage map. Click the Sprint icon on your SZ Series desktop or call 1-877-275-VAIO (8246) for service activation. Sprint Mobile Broadband network reaches over 160 million people. Coverage not available everywhere – see coverage map for details. Requires new activation and one- or two-year subscriber agreement. Credit approval and \$200 early termination fee applies. Service defaults to Nationwide Sprint PCS Network, where available. If Sprint Mobile Broadband network is unavailable, Not available while roaming. Terms & Conditions and additional restrictions apply. May not be combinable with other offers. Device model subject to availability.  
 4. Requires a compatible 802.11a or 802.11b or 802.11g or 802.11n access point. Some functionality may require Internet services, which may require a fee.  
 5. Interoperability among Bluetooth™ devices varies.  
 6. Actual battery life may vary upon usage patterns, product settings, battery and environmental conditions. Upper battery range tested using device for music play-back. Battery life will be shorter when using the Instant Mode features.  
 7. Viewable area measured diagonally.  
 8. DVD media/formats are not universally compatible.  
 9. Internet connection required. Some features may rely on internet service which may require a fee.  
 10. 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.  
 11. When available, Sony will provide Onsite 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 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 Service may not be available in all locations.  
 12. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary.

## VAIO® Care Lifecycle Management



## VAIO® Professional SZ Series Notebooks

with AdaptivePlus™ Technology  
 Next-generation power, mobility and style.



Sony® recommends Windows Vista® Business.

Learn more about SZ Series Notebooks  
 Visit: [www.sony.com/SZPRO](http://www.sony.com/SZPRO)

# VAIO® Professional Notebooks with AdaptivePlus™ Technology

AdaptivePlus™ technology incorporates superior flexibility, mobility, security and communication features for progressive, cost effective IT resource management and purchasing decisions.

## Flexibility

From the options you have to choose from to the multifaceted utility of the features themselves, the VAIO® SZ Series was designed with the requirements of today's mobile business professional in mind.



### Hybrid Graphics System

Exclusive to VAIO® PCs, the revolutionary Hybrid Graphics System lets you set your graphics performance. A simple hardware switch enables you to toggle between an internal graphics chip for optimal power consumption with excellent performance and an external graphics chip for even more robust performance.



### Exceptional LCD

Enjoy brilliant color and unparalleled picture quality with the VAIO® SZ Notebook's 13.3" widescreen display with XBRITE™ LCD technology. Or for the same great picture quality but with lower power consumption, the SZ Premium Notebook offers a 13.3" display with XBRITE™ LCD technology with a white LED backlight.



### Scalable Hardware Features

With options available regarding memory (flash or traditional), hard drive size, a built-in camera and microphone for video conferencing, and wireless WAN through Sprint® Mobile Broadband, you'll be able to find the perfect solution for your team.



### Available Hybrid Hard Drive (HHD)

Ideal for a travel notebook, select models of the VAIO® SZ Series feature an innovative Windows ReadyDrive™ hybrid hard drive, a cutting-edge notebook technology that shortens boot-up times, enhances overall performance speeds and reduces the risk of damage by minimizing the use of spinning hard disk memory.

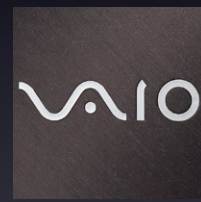
## Mobility

The VAIO® SZ Notebook delivers intelligent mobile design with exceptional performance. Powered by a next-generation Intel® Core™ 2 Duo processor, this stylish PC's portability is enhanced by your choice of durable magnesium or carbon-fiber casing.



### Intel® Centrino® Duo Technology

The Sony VAIO® SZ Notebook is powered by a next-generation Intel® Core™ 2 Duo processor (800MHz Front Side Bus) that enables outstanding performance for parallel executions of multiple applications.



### Magnesium, Carbon-fiber or Premium Carbon-fiber Casing

While core models employ a magnesium alloy form factor, SZ Premium notebooks are encased in either carbon fiber or premium carbon fiber. Models with premium carbon fiber feature a luxurious dark brown carbon-fiber casing with a special gel surface coating to showcase the gorgeous crossing patterns of the individual fibers.



### Size & Weight

The VAIO® SZ Notebook delivers intelligent mobile design with exceptional performance. The slim and lightweight SZ Notebook is just over an 1" thin\* and 4.19 lbs.\* (with standard battery). Or choose the SZ Premium Notebook measuring 0.9" thin and weighing 4 lbs.\* (with standard battery).



### SmartWi™ technology

Sony's original SmartWi™ technology seamlessly integrates wireless Wide Area Network (WAN)®, 802.11a/b/g/n wireless LAN® and Bluetooth® technologies. Now you can quickly and easily toggle among your wireless connectivity options.

## Security

The VAIO® SZ Notebook takes security seriously. Features such as a biometric fingerprint sensor, hard drive password protection and a Trusted Platform Module (TPM) Ver.1.2 compliant chip provide many layers of protection for your information reducing the possible risk of data theft.



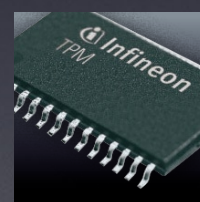
### Biometric Fingerprint Sensor

Fingerprint biometrics is a convenient and secure way to help you protect your computer and the information on it with a simple swipe of your finger. It also stores passwords to websites you visit, so authentication and access are quick and easy - you only need your fingerprint.



### HDD Password Protection

Password protection at the hard disk level can prevent unauthorized access to sensitive data, applications and network architecture. It encrypts and protects disks, partitions and removable data from unauthorized use or alteration.



### Trusted Platform Module (TPM)

The VAIO® SZ Series Notebook features an integrated Trusted Platform Module (TPM) TCG Ver.1.2 compliant, which allows you to control access on a specific client/user basis.

### G-SENSOR

### G-Sensor™ Technology

When the built-in 3D acceleration sensor detects a risky movement like being knocked, the HDD-head will lock up to secure its position and protect the disc from scratching.



### Windows Vista® Business

Windows Vista® Business comes pre-installed on the SZ notebook. Powerful safety features provide you with a safer computing experience and help protect your critical data.

## Communication

With lightning-fast Gigabit Ethernet, 802.11a/b/g/n wireless LAN technology\* and optional WAN through Sprint® Mobile Broadband service, the VAIO® SZ Series allows you to take your "virtual office" with you wherever you go.



### Wireless Wide Area Network (WAN) Technology\*

Select models of the VAIO® SZ Series Notebook feature integrated wireless Wide Area Network (WAN) technology\*, so you can access the Sprint Mobile Broadband service to extend your wireless coverage beyond LAN access networks and hotspots.



### 802.11a/b/g/n Wireless LAN\*

Intel Next-Gen Wireless-N technology offers a massive boost in speed and considerably more range than 802.11a/g. Wireless-N technology is backward compatible with existing 802.11g and 802.11b networks, so there is no need for any additional hardware or cables - it's all built-in.



### Built-in Camera and Microphone\*

Stay connected to colleagues, friends and family wherever you find yourself. The VAIO® SZ Notebook features an optional integrated MOTION EYE™ camera with zoom utility and microphone enabling real-time video conferencing\*.



### Gigabit Ethernet

Gigabit Ethernet enables extremely fast network data transfer speeds, building on the Ethernet protocol, but increasing speed tenfold over compatible Fast Ethernet networks to 1000 Mbps, or 1 Gigabit per second (Gbps).

(only available via docking station, sold separately)

## Inputs / Outputs

### Front & Left Side



### Front & Left Side

- 1 Built-In MOTION EYE™ Camera (optional)
- 2 Wireless WAN Antenna (optional)
- 3 Speakers
- 4 Biometric Fingerprint Sensor
- 5 Touch Pad
- 6 Memory Stick® Media Slot
- 7 PCI Card Slot
- 8 Monitor (VGA) Port
- 9 i.LINK® (IEEE 1394) S400 Port<sup>10</sup>
- 10 Headphone Jack
- 11 Microphone Jack

SZ notebook shown with optional built-in camera and wireless WAN.\*

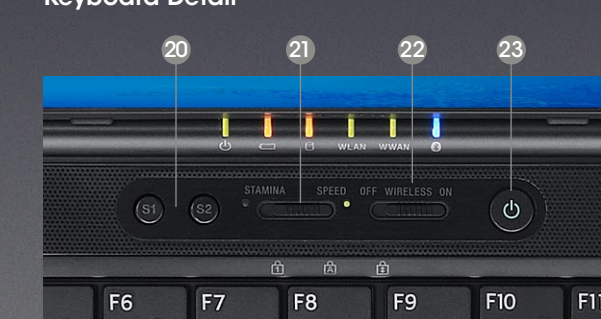
### Back & Right Side



### Keyboard Detail

- 12 DVD±R Double Layer/DVD±RW drive\*
- 13 ExpressCard™ Slot
- 14 Hi Speed USB (USB 2.0) Ports x 2
- 15 Ethernet Network (1000/100/10Base-T)
- 16 Modem Port
- 17 DC Input
- 18 Battery
- 19 Security Slot

### Keyboard Detail



## VAIO® Professional Notebooks Optional Accessories



Docking Station  
VGP-PRSZ1

AC Adapter  
VGP-AC19V25

Stick AC Adaptor  
VGP-19V21

Standard Capacity Battery  
VGP-BPS9A/B

Large Capacity Battery  
VGP-BPL9

Privacy Filter  
VGP-FL8



Learn more about SZ Series Notebooks

Visit: [www.sony.com/SZPRO](http://www.sony.com/SZPRO)