

# PULSE

APRIL 2007

## FULL-ON FULL HD PLAYSTATION®3 AND BRAVIA LCD TV



**SONY**

NEW IN THIS EDITION...



PANEL PC



VAIO

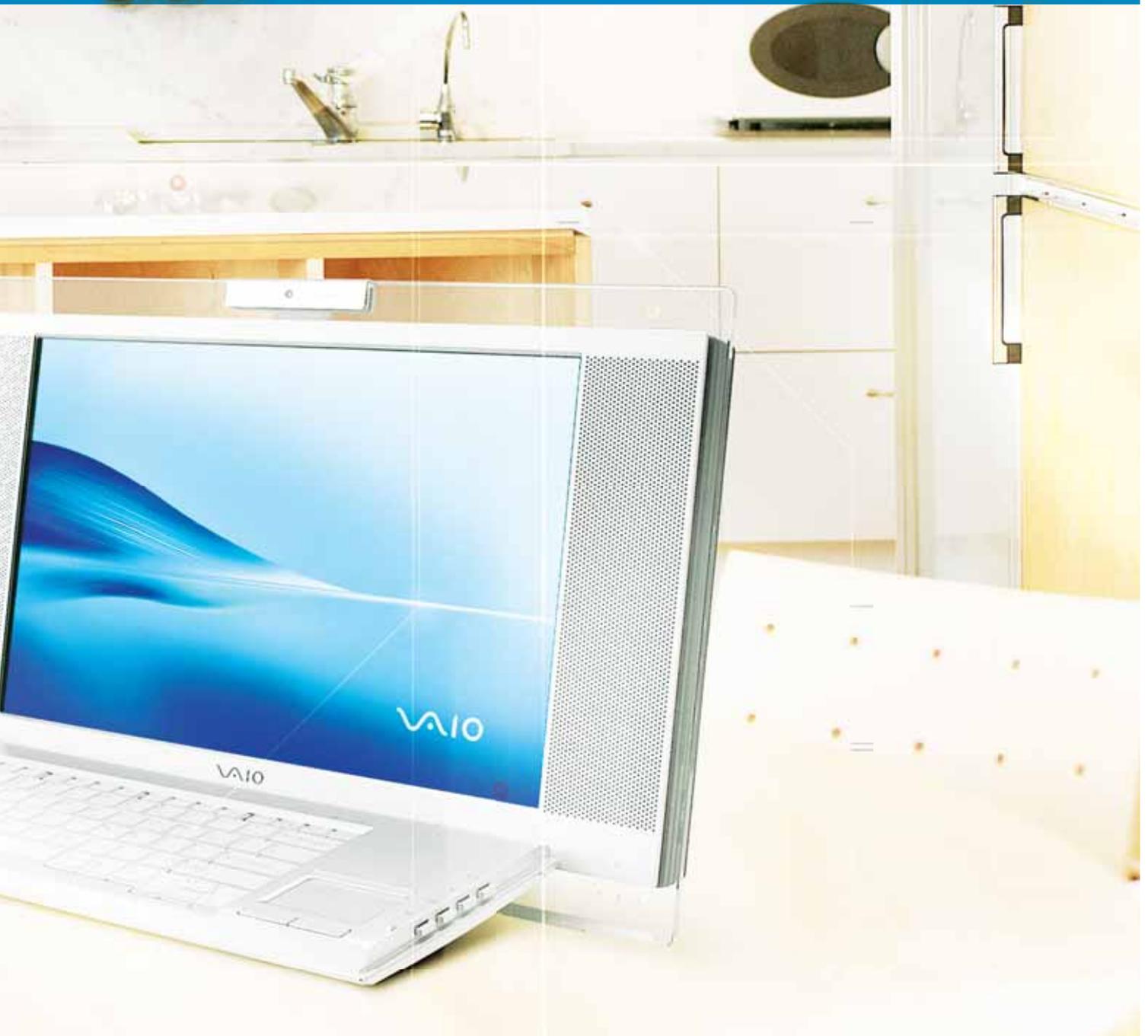


PROJECTORS

**VAIO**  
no more bounds

VAIO Laptops  
Projectors  
Drives

# Computer



# KEY TECHNOLOGY

## HIGH DEFINITION

### What is High Definition (HD)?

For many years, people have been watching TV and DVD in Standard Definition (SD). This means the video has a maximum resolution of 720 pixels across by 576 pixels high (PAL) i.e. there are 576 horizontal lines in the image. High Definition (HD) offers a much higher resolution than SD, increasing the level of detail and size at which the image can be displayed clearly.

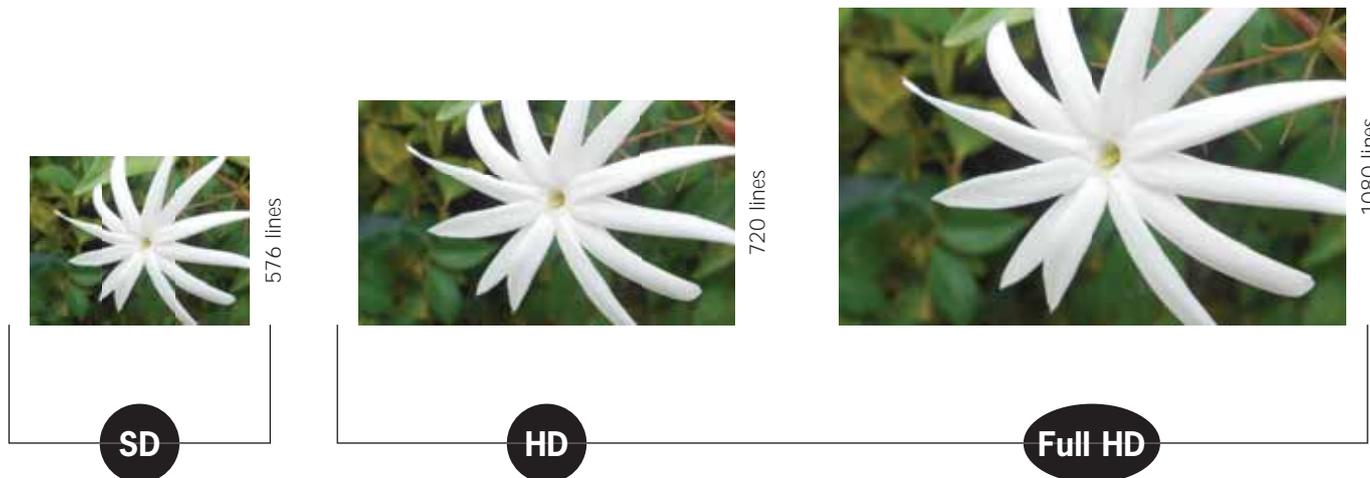
### Full HD 1080

There are two main types of HD resolution. 720 lines of resolution is generally referred to as HD while 1080 lines of resolution is known as Full HD and offers up to 5x the resolution of standard definition or DVD resulting in amazing picture quality.

### High Definition Multimedia Interface

This connection allows users to connect a display device directly to the VAIO, transferring Full HD video as well as audio via the one cable.

Available on VG<sub>NAR</sub>38G



## BLU-RAY DISC



### Blu-ray

Blu-ray is the next generation of optical disc, named after the blue laser that reads it. A single layer DVD can hold up to 4.7GB of data while a dual layer DVD can hold up to 8.5GB. In contrast, a Blu-ray disc, while looking physically similar, can hold 25GB on a single layer (almost 2 hours of HDV footage) and 50GB on a dual layer disc. The larger storage capacity means you can now store and playback higher quality videos with higher quality audio. Users can now also store up to five times the amount of data they could on a regular DVD.

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Available on VG<sub>NAR</sub>38G and BWU100A

### The Future of Blu-ray

Already the benefits of this larger data capacity are being realised in Sony's next-generation console, Playstation® 3. With unrivalled support from movie studios as well as electronics companies, Blu-ray is set to be the future in High Definition media. The VAIO AR series notebook, with an in-built Blu-ray burner not only can record full High Definition, using Sony's affordable HD Handycams, but can also store those memories for playback, without compromising quality.



VG<sub>NAR</sub>38G



BWU100A



## VAIO Security

The advanced security of Sony VAIO includes Fingerprint Biometric Protection (a high resolution fingerprint sensor which can be used as an authorisation tool for multiple applications), Hard Drive Password Protection (password protection for your hard drive, even if it's removed and installed into another computer), and Trusted Platform Module (TPM) security chip (hardware based security for many different applications).

**Available on** VGNG118GN, VGNSZ48GN, VGNSZ44GN, VGNSZ43GN, VGNTX57GN, VGNTX56GN and VGNUX27GN (TPM security chip not available on VGNUX27GN)



Biometric fingerprint sensor

## VAIO Hard Drive Shock Protection

When moving about, one of the dangers to a Hard Drive is potential damage to the head and platter due to rapid movement, shock or vibration. With VAIO HD Shock Protection, a 3D sensor detects rapid movement in all three axes and automatically moves the head away from the platter, protecting both the head as well as the data. To suit the various environments in which you use your laptop, there are three levels of safety sensitivity that can be selected: high, standard and low.

**Available on** VGNG118GN, VGNSZ48GN, VGNSZ44GN, VGNSZ43GN, VGNTX57GN, VGNTX56GN and VGNUX27GN



## VAIO Dual Core



A standard Central Processing Unit (CPU) has a single core handling all its assigned tasks. The new Dual Core processors have two cores and more L2 cache dealing with the workload, effectively providing more processing power than that of a standard CPU.

The Dual Core processors are ideal for users who have high performance requirements, such as graphic designers, video editors, users of heavy calculation applications and gamers.

Combining Dual Core with VAIO's huge suite of software such as Adobe® Premiere® Elements for HD editing, and Adobe® Photoshop® Elements for graphics editing, VAIO offers not just the possibility but the complete solution.

## VAIO Instant AV Mode



VAIO TX series

By pressing the AV Mode button when the laptop is off or in Hibernate Mode, a special user interface is activated. In just a few seconds, the user can playback music from their CDs, videos from their DVDs or view photos from their memory stick or SD card without having to boot up the Windows® operating system.

**Available on** VGNTX57GN and VGNTX56GN



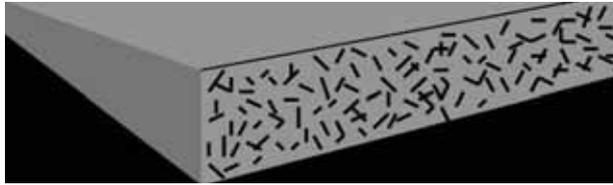
# KEY TECHNOLOGY

## VAIO Carbon Fibre Chassis

Sony VAIO has set a new standard in strength and lightness with its multi-layered carbon fibre construction technology, far stronger than both the magnesium alloy and plastics used in conventional products. Offering unrivalled mobility, the display cabinets on the G, TX and SZ premium series are more than 200% stronger than the equivalent magnesium alloy chassis. The actual main chassis is 400% more rigid than standard plastic bodies with a 30% reduction in weight.



Structure of the carbon composite

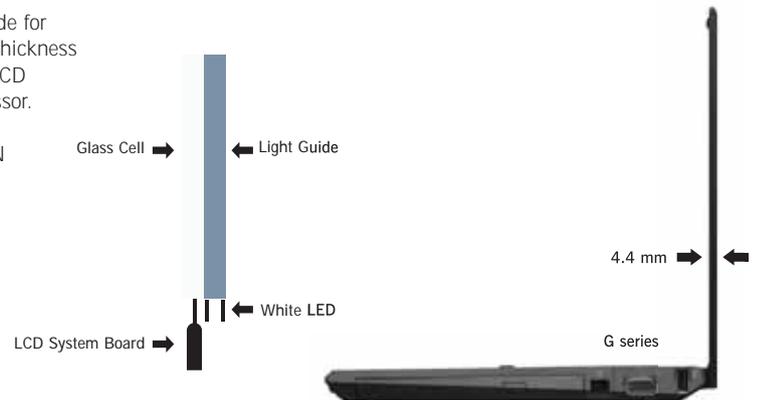


Multi-layered carbon fibre structure

## VAIO Ultra-Slim LCD

A white LED backlight allows for the use of a slimmer and lighter light guide for bright illumination without compromising on size. Due to this, the overall thickness of the LCD has been reduced and with the added benefit of a screw-free LCD design, the LCD is now 230% more resistant to cracking than its predecessor.

Available on VGNG118GN, VGNSZ48GN, VGNTX57GN and VGNTX56GN



## VAIO Hybrid Graphic System

Traditionally, users have had to choose between getting a laptop of power with a dedicated graphic card, or one of good battery life with an integrated graphic card. This is no longer the case. Incorporating both integrated and dedicated graphic cards, users can now choose between STAMINA (integrated graphic card, better battery life) and SPEED (dedicated graphic card, better graphics performance) with the convenience of a switch.

Available on VGNSZ48GN, VGNSZ44GN and VGNSZ43GN



Hybrid Graphics Selection Switch

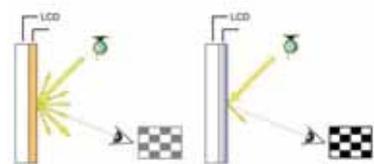
## Clear Bright LCD

### Improved viewing angle

With regular LCD monitors, users have to view the screen directly from the front, for the image and colour to look clear and without a 'negative' effect (dark colours appear lighter and the light colours appear darker). Clear Bright LCD screens all but eliminate this effect, and can be viewed clearly even from extreme angles.

### Improved Colour and Contrast

Clear Bright LCD screens use brighter lamps to produce brighter colours and have a unique glare filter that cuts down the amount of light being scattered within the panel, producing richer colours and darker blacks.

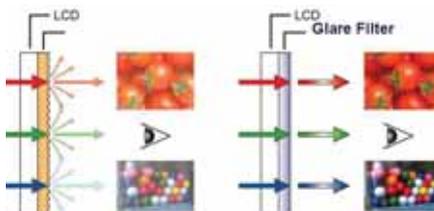


Regular LCD

Clear Bright LCD

### Improved viewing in bright light

The unique glare filter and low reflection coating in a Clear Bright LCD screen reduces the impact of light shining directly onto it. An improved anti-glare coating dramatically cuts down the reflectivity of background lighting, so that it is barely visible. This is especially handy when using a VAIO outside or when a LCD monitor is placed near a bright sunlit window or in a room with bright lights above.



Regular LCD

Clear Bright LCD

Available on All VAIOs except VGNG118GN



VAIO FE series

## Clear Bright High Colour LCD

Clear Bright High Colour LCD screens utilise a dual lamp structure, achieving a level of brightness more than 200% brighter than a standard laptop LCD screen. They also reproduce almost twice the amount of colour that standard laptop LCDs reproduce. One of the most noticeable improvements is in the rich reproduction of deep colours such as red.

Available on VGNAR38G, VGNFE48G and VGNFE45G

## VAIO MOTION EYE Camera

The MOTION EYE camera is a VGA camera built into the LCD screen of selected VAIOs. The camera can be used for multi-media functions such as video conferencing. All VAIOs with the MOTION EYE camera come with a microphone built into the laptop.

Available on VGNAR38G, VGCLA38G, VGNFE48G, VGNFE45G, VGNSZ48GN, VGNSZ44GN, VGNSZ43GN and VGNUX27GN



# KEY TECHNOLOGY

## VAIO Software Suite

What use is a computer without software? Even the most powerful computer is useless without software. Purchasing software separately however, can become expensive. VAIOs are designed specifically with multimedia and connectivity in mind and for this reason they are supplied with a suite of world-class software.

This greatly reduces the need to purchase additional software and means the great features of VAIO can be used the moment the computer is taken out of its box for the first time.

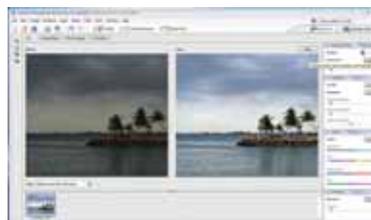
Please refer to the VAIO Software Chart to identify what software is supplied with each model VAIO.

VAIO Software Chart

	Software	VGNAR38G	VGCLA38G	VGNFE48G	VGNFE45G	VGNM27GH	VGNC25G	VGNC21GH	VGNSZ48GN	VGNSZ44GN	VGNSZ43GN	VGNM118GN	VGNM57GN	VGNM56GN	VGNM27GN
PHOTO	Windows Photo Gallery	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Adobe Photoshop Elements 5.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VIDEO	DVGate Plus 2.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Adobe Premiere Elements 3.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	VAIO Edit Components 6.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	VAIO Video & Photo Utility 1.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Intervideo WinDVD 8.0 for VAIO	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Intervideo WinDVD BD for VAIO	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Click to DVD 2.6	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MUSIC	Ulead BD DiscRecorder 2.6 for VAIO	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SonicStage CP 4.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SonicStage Mastering Studio 2.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SonicStage Mastering Studio Audio Filter 2.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MULTIMEDIA	SoundFLOW	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Windows Media Centre	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	VAIO Media 6.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DVD / CD CREATION	VAIO Camera Utility 2.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Roxio Easy Media Creator 9.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
OTHER	Adobe Acrobat Reader 7.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Instant Mode 1.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	VAIO HDD Protection 2.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	PenPlus for VAIO	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	VAIO Recovery Utility	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Battery Care Function	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	VAIO Status Monitor	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SECURITY	Peripheral Device & Storage Media Restriction Setting Utility	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Norton Internet Security 2007	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Protector Suite QL 5.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Infineon TPM Professional Package	•	•	•	•	•	•	•	•	•	•	•	•	•	•

### Adobe® Photoshop® Elements

Photoshop® Elements is regarded as one of the world's best image editing programs with simple-to-use tools for removing 'red eye', creating panoramas, quick fix features and much more.



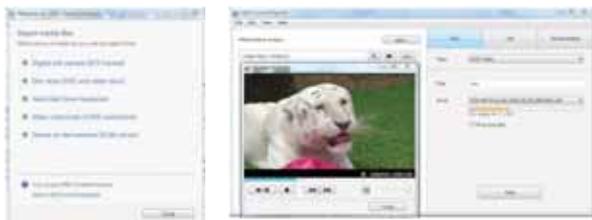
### Adobe® Premiere® Elements

Premiere® Elements is known worldwide as one of the leading video editing applications allowing full video editing, including customisable transitions, compositing and also support for full 1080i HDV and AVCHD editing with the included VAIO Edit Components plug in.



## VAIO Video & Photo Utility

VAIO Video & Photo Utility makes it easier than ever to import and export videos and photos from various sources, including AVCHD, Handycam, Cybershot, and DLNA servers. You can then edit your video footage with Adobe® Premiere® Elements and your still images with Adobe® Photoshop® Elements. After editing, data can easily be burned on a DVD or exported to a Memory Stick with VAIO Content Exporter, letting you fully enjoy your digital lifestyle.



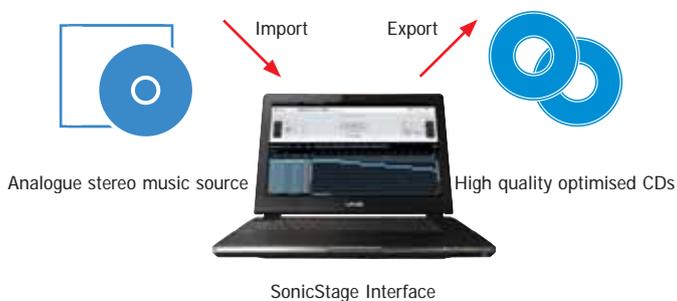
## Click to DVD

Click to DVD is user-friendly DVD creation software. Simply connect a DV, HDV or AVCHD camera via i.Link, select a theme, name the disc and click Create DVD! This will then create a professional-looking DVD complete with animated menus and chapter thumbnails. You can also trim video clips, re-order them, select your own background music, select the thumbnail frame, create slide shows and more, allowing you to customise your DVD creation.



## SonicStage Mastering Studio

This advanced music mastering software lets you import analogue music – including old LP records and cassette tapes – edit the music, and write your own high-quality optimised CDs.



## SoundFLOW

With the audio software "SoundFLOW", the L series is a music player, clock, alarm and calendar. It is automatically launched to display music titles, artist information, time and calendar while the keyboard is folded up. Change the desktop background of SoundFLOW to suit your décor, with many designs to choose from the L Series will compliment any surrounding.



## Business Utilities Available only on VGNG118GNB

### Battery Care Function

The total life of the battery is extended by battery conservation settings for recharge from 50% to 80% capacity, rather than 100% recharge which could shorten battery life.



### VAIO Status Monitor

For enhanced PC management, the VAIO status monitor displays a convenient list of settings to enhance workflow including security, power / operation, and use of such external media as CD / DVD drive, card slot, and network LAN.



### Peripheral Device and Storage Media Restriction Utility

For peace of mind with data security management, users will find the capability to prevent writing and access to external media as well as peripheral devices.



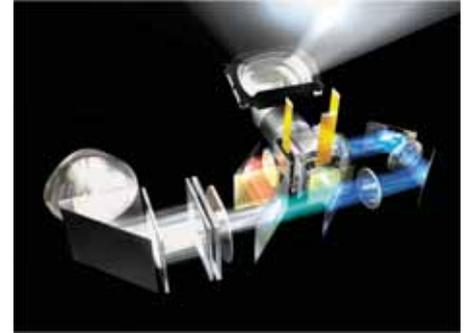
# KEY TECHNOLOGY

## PROJECTORS 3LCD

3LCD is the core technology inside Sony's complete range of data projectors. It uses three high-resolution LCD panels to create superb picture quality. The 3LCD system works by using special dichroic mirrors to split white light into red, green and blue beams. These three coloured beams are then passed through the three separate LCD panels. The LCD panels allow the right amount of each colour through to make up the correct colour for every pixel in the image. The red, green and blue beams are then recombined in a prism before being projected onto the screen.

### The 3LCD system has many benefits:

- 1) High native resolution
- 2) Natural vibrant colours because all three primary colours are on the screen all the time
- 3) No 'rainbow effect' because the image is recombined before it hits the screen
- 4) Lumen for lumen, 3LCD technology will deliver brighter, more dynamic colours.



3LCD light path



Check the details at [www.3LCD.com](http://www.3LCD.com)

## PROJECTORS Off and Go

Sony's Off and Go feature lets you pack your equipment away faster when your presentation is over. To maximise their life all projector lamps need to cool down before they are packed away and usually this means you need to leave the power connected to allow the fan to keep running to cool the lamp

However, Sony's Off and Go feature keeps the fan running without the power connected, so you can unplug all the cables and pack everything else away while the projector lamp cools down.

This is one more example of Sony designing projectors for your convenience; you do not need to remember to leave the power connected and the lamp life is maximised.



## PROJECTORS Auto Set-Up



Auto height adjustment

To get the best image on the screen for a presentation, there are a number of adjustments that need to be made when you are setting up.

At Sony, we have designed our projectors to make these adjustments for you – automatically. Here is how:

- 1) The lens protector is an integral part of the projector so it cannot get lost. It opens automatically when the projector is turned on and automatically closes when the projector is turned off.
- 2) The height adjustment is powered and automatically adjusts to the same height as last time. If that is not appropriate, change it with the push of a button. This new height is remembered. The height adjuster retracts automatically when the projector is turned off.
- 3) Digital keystone correction happens automatically whenever the height is adjusted, so you always see a properly squared-up image.
- 4) The input is selected automatically. If you are connected to a different input from last time, the projector will search for the active input and display it on screen, saving you from worrying that something is not working.
- 5) Auto Pixel Alignment (APA) automatically matches the projector's pixel clock and phase to that of the computer, and also optimises horizontal size and shift to display the whole image across the full screen.
- 6) Some models also incorporate Automatic Focus, leaving you with one less thing to worry about during set up.

## PROJECTORS AirShot 2

AirShot 2 is Sony's exclusive wireless connection between your computer and your projector. AirShot delivers great image quality without cables, and brings features for easy set-up and simple switching between presenters.

Using the latest 802.11g WiFi Wireless LAN technology, everything you need to make wireless presentations from a Windows based PC is supplied with the projector: the wireless card for the projector, a wireless USB module for your PC, and the application software carried on a USB Micro Vault. Existing WiFi infrastructure can also be used to run with AirShot.

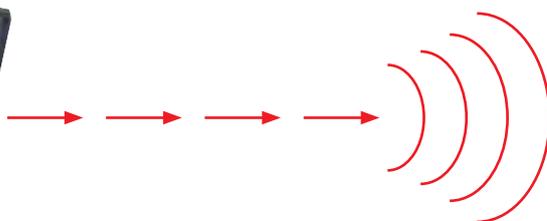
Install the application software on as many computers as you wish. When you plug the USB Wireless module into the computer, the PC will configure itself and search for and connect to the projector. The display from the computer will be shown on the screen in XGA resolution and in full colour.

Multiple presenters can be 'connected' to the projector, and can be switched in the AirShot application, so a meeting can progress without any plugging and unplugging of cables.

AirShot also allows connection to your wireless LAN infrastructure, allowing access to the projector by your administrator or Help Desk. This feature lets your organisation deliver assistance quickly, checking settings and adjusting them where necessary.



VAIO TX series



VPLCX76

## DATA STORAGE AIT



Advanced Intelligent Tape (AIT) technology – developed by Sony has many benefits applicable to today's demanding, high speed, high capacity data storage requirements.

### High Capacity

AIT products at present extend to the SAIT1 format offering up to 1.3TB of compressed data storage on a single tape.



Memory-in cassette

### AIT Range

AIT drives are available in a number of interfaces ranging from low cost ATAP/IDE, easy-connect USB 2.0, IEEE1394 (Firewire), Serial ATA (SATA) and SCSI.

### Highly Reliable Helical Scan Recording

Unlike linear serpentine recording used by formats such as DLT and LTO, AIT drives employ a helical scan recording technique in which data tracks are written at an angle relative to the edge of the tape. This allows higher density recording, which increases efficiency, lowers operating costs and protects the media.

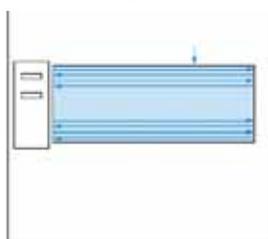
### Memory-in-Cassette (MIC)

MIC technology comprises a chip embedded in the tape cassette itself. Data about tape contents is stored on the chip, allowing vastly accelerated data search times.

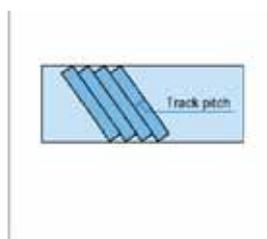
### Extensive Roadmap

AIT is currently up to its 5th generation – AIT-5 (400GB native capacity). The format is projected to go up to AIT-6 with an incredible native capacity of 800GB on a single 8mm cartridge. The AIT Turbo range caters for the entry level section of the market, while AIT3Ex, AIT-4, and AIT-5 formats are suitable for higher capacity requirements.

Linear recording



Helical recording



**VGCLA38G**

## 15.4" PANEL PC

- ✓ 1.83 GHz Intel® Core™2 Duo
- ✓ 120 GB HDD, 1 GB RAM
- ✓ 15.4" Clear Bright LCD Widescreen
- ✓ SoundFLOW User Interface
- ✓ Transparent Frame
- ✓ MOTION EYE Camera and WIFI

**SPECIFICATIONS**

- Intel® Centrino® Duo Mobile Technology
- Intel® Core™2 Duo Processor T5600 (1.83 GHz)
- Microsoft Windows® Vista™ Home Premium
- Processor System Bus : 667 MHz
- 2 MB L2 Cache
- Intel® 945PM Express Chipset
- 1 GB DDR2 SDRAM (1 x 1 GB, 1 / 2 slots occupied)
- Maximum RAM : 2 GB
- Memory Bus : 667 MHz
- MOTION EYE Camera (VGA CMOS) with built-in microphone
- Hard Disk : 120 GB SATA, 5400 rpm
- DVD Supermulti Drive (8x Max Single Layer Write)
- Magnesium Alloy Chassis

**GRAPHICS**

- NVIDIA® GeForce® Go 7400
  - Total Available Graphics Memory\*\* : 319 MB
  - 15.4" Clear Bright LCD Widescreen (1280 x 800)
  - Standard Battery Life (JEITA) : 2 hrs
- LITHIUM-ION BATTERY**
- Intel® Wireless 802.11b / g
  - RJ45 Ethernet (10/100)
  - RJ11 Modem (v.90, v.92 compliant)
  - 4 x USB 2.0
  - i.Link / Firewire : 4-pin
  - Memory Stick Pro / Pro Duo Slot
  - SD Card Slot
  - ExpressCard™: 34 / 54 mm
  - PCMCIA Type I / II
  - Stereo Microphone In

- Headphone Out
  - Stereo Line-In
- DIMENSIONS AND WEIGHT**
- Dimensions (WxHxDmm) : 470.2 x 289.9 x 141.7 (Minimal tilt with folded keyboard)
  - Dimensions (WxHxDmm) : 470.2 x 257.9 x 363.5 (Maximum tilt with opened keyboard)
  - Weight : 4.5kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC19V12)
- Lithium-Ion Battery (VGP-BPS2B)
- 8cm Disc Adaptor (VGP-VDA1)



\*\* The system shares its video memory with the main memory.

**VGNUX27GN**

## 4.5" ULTRA PORTABLE PC

- ✓ 1.33 GHz Intel® Core™ Solo
- ✓ 40 GB HDD, 1 GB RAM
- ✓ 4.5" White LED Clear Bright LCD Widescreen
- ✓ Touchscreen
- ✓ MOTION EYE Camera on both sides of the unit
- ✓ Bluetooth® and WIFI

**SPECIFICATIONS**

- Intel® Centrino® Mobile Technology
- Intel® Core™ Solo Processor U1500 (1.33 GHz)
- Microsoft Windows® Vista™ Business
- Processor System Bus : 533 MHz
- 2 MB L2 Cache
- Intel® 945GMS Express Chipset
- 1 GB DDR2 SDRAM (1 GB onboard)
- Maximum RAM : 1 GB
- Memory Bus : 400 MHz
- MOTION EYE Camera x 2 (VGA and 1.3 MP CMOS) with built-in microphone
- Hard Disk : 40 GB Ultra ATA/100, 4200 rpm
- Hard Drive Shock Protection
- Magnesium Alloy Chassis

- 4.5" White LED Clear Bright LCD Widescreen (1024 x 600)

**LITHIUM-ION BATTERY**

- Standard Battery Life (JEITA) : 3 hrs
  - Extended Battery Life (JEITA) : 6.5 hrs\*
- SECURITY**
- Biometric Fingerprint Sensor
  - Hard Drive Password Protection

**CONNECTIVITY**

- Intel® Wireless 802.11a / b / g
- RJ45 Ethernet (10/100) (On Supplied Adaptor / Port Replicator)
- Bluetooth® 2.0+EDR
- 1 x USB 2.0, 3 x USB 2.0 (On Supplied Port Replicator)
- i.Link / Firewire : 4-pin (On Supplied Port Replicator)
- Memory Stick Pro Duo Slot
- Compact Flash Type II
- Stereo Microphone In
- Headphone Out

- AV Out (On Supplied Adaptor / Port Replicator)
  - Monitor D-Sub 15-pin (On Supplied Adaptor / Port Replicator)
- DIMENSIONS AND WEIGHT**
- Dimensions (WxHxDmm) : 150.2 x 95-100.5 x 32.2-38.2
  - Weight : 520g (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC16V7)
- Lithium-Ion Battery (VGP-BPS6)
- Display / LAN Adaptor
- Port Replicator
- Folding Stand
- Carry Pouch
- Stylus

**RECOMMENDED ACCESSORY**

Extended Battery : VGPBPL6



#Optional extended battery.

\*\* The system shares its video memory with the main memory.

**VGNTX56GN**

## 11.1" ULTRA MOBILE LAPTOP

- ✓ 1.20 GHz Intel® Core™ Solo
- ✓ 60 GB HDD, 1 GB RAM
- ✓ Fingerprint Sensor and TPM Chip
- ✓ Multi-layered Carbon Fibre and Carbon Composite Chassis
- ✓ 11.1" White LED Clear Bright LCD Widescreen
- ✓ Hard Drive Shock Protection
- ✓ 9 hour battery life, 1.25kg weight
- ✓ Instant AV Mode

**SPECIFICATIONS**

- Intel® Centrino® Mobile Technology
- Intel® Core™ Solo Processor U1400 (1.20 GHz)
- Microsoft Windows® Vista™ Business
- Processor System Bus : 533 MHz
- 2 MB L2 Cache
- Intel® 945GMS Express Chipset
- 1 GB DDR2 SDRAM (1 / 1 slot occupied, 512 MB onboard)
- Maximum RAM : 1.5 GB
- Memory Bus : 533 MHz
- Hard Disk : 60 GB Ultra ATA/100, 4200 rpm
- Hard Drive Shock Protection
- DVD Supermulti Drive (8x Max Single Layer Write)
- Multi-layered Carbon Fibre and Carbon Composite Chassis

**GRAPHICS**

- Intel® Media Accelerator 950
  - Total Available Graphics Memory\*\* : 224 MB
  - 11.1" White LED Clear Bright LCD Widescreen (1366 x 768)
  - Standard Battery Life (JEITA) : 9 hrs
  - Extended Battery Life (JEITA) : 14.5 hrs\*
- LITHIUM-ION BATTERY**
- Intel® Wireless 802.11a / b / g
  - RJ45 Ethernet (10/100)
  - RJ11 Modem (v.90, v.92 compliant)
  - Bluetooth® 2.0+EDR
  - 2 x USB 2.0

- i.Link / Firewire : 4-pin
  - Memory Stick Pro / Pro Duo Slot
  - SD Card Slot
  - PCMCIA Type I / II
  - Stereo Microphone In
  - Headphone Out
  - Monitor D-Sub 15-pin
- DIMENSIONS AND WEIGHT**
- Dimensions (WxHxDmm) : 272.4 x 21-28.5 x 195.1
  - Weight : 1.25kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC16V8)
- Lithium-Ion Battery (VGP-BPS5A)
- Headphones (MDR-Q22LP/S02)

**RECOMMENDED ACCESSORIES**

Extended Battery : VGPBPL5A

Port Replicator : VGPPRTX1



#Optional extended battery.

\*\* The system shares its video memory with the main memory.

**VGNTX57GN****11.1" ULTRA MOBILE LAPTOP**

- ✓ 1.33 GHz Intel® Core™ Solo
- ✓ 80 GB HDD, 1 GB RAM
- ✓ Fingerprint Sensor and TPM Chip
- ✓ Multi-layered Carbon Fibre and Carbon Composite Chassis
- ✓ 11.1" White LED Clear Bright LCD Widescreen
- ✓ Hard Drive Shock Protection
- ✓ 9 hour battery life, 1.25kg weight
- ✓ Instant AV Mode

**SPECIFICATIONS**

- Intel® Centrino® Mobile Technology
- Intel® Core™ Solo Processor U1500 (1.33 GHz)
- Microsoft Windows® Vista™ Business
- Processor System Bus : 533 MHz
- 2 MB L2 Cache
- Intel® 945GMS Express Chipset
- 1 GB DDR2 SDRAM (1 / 1 slot occupied, 512 MB onboard)
- Maximum RAM : 1.5 GB
- Memory Bus : 533 MHz
- Hard Disk : 80 GB Ultra ATA/100, 4200 rpm
- Hard Drive Shock Protection
- DVD Supermulti Drive (8x Max Single Layer Write)

- Multi-layered Carbon Fibre and Carbon Composite Chassis

**GRAPHICS**

- Intel® Media Accelerator 950
- Total Available Graphics Memory\*\* : 224 MB
- 11.1" White LED Clear Bright LCD Widescreen (1366 x 768)

**LITHIUM-ION BATTERY**

- Standard Battery Life (JEITA) : 9 hrs
- Extended Battery Life (JEITA) : 14.5 hrs\*

**SECURITY**

- Biometric Fingerprint Sensor
- Hard Drive Password Protection
- Trusted Platform Module (TPM) 1.2 Chip

**CONNECTIVITY**

- Intel® Wireless 802.11a / b / g
  - RJ45 Ethernet (10/100)
  - RJ11 Modem (v.90, v.92 compliant)
  - Bluetooth® 2.0+EDR
  - 2 x USB 2.0
  - i.Link / Firewire : 4-pin
  - Memory Stick Pro / Pro Duo Slot
  - SD Card Slot
  - PCMCIA Type I / II
  - Stereo Microphone In
  - Headphone Out
  - Monitor D-Sub 15-pin
- DIMENSIONS AND WEIGHT**
- Dimensions (WxHxDmm) : 272.4 x 21-28.5 x 195.1
  - Weight : 1.25kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC16V8)
- Lithium-Ion Battery (VGP-BP55A)
- Headphones (MDR-Q22LP/S02)

Available in Black (VGN-TX57GN/B), and Copper (VGN-TX57GN/T)

#Optional extended battery.

\*\* The system shares its video memory with the main memory.

**VGNG118GN****12.1" ULTRA MOBILE BUSINESS LAPTOP**

- ✓ 1.33 GHz Intel® Core™ Solo
- ✓ 100 GB HDD, 1 GB RAM
- ✓ Fingerprint Sensor and TPM Chip
- ✓ Three Surface Carbon Structure
- ✓ 12.1" White LED LCD, 4:3 ratio
- ✓ Hard Drive Shock Protection
- ✓ 11.5 hour battery life, 1.15kg weight
- ✓ Bluetooth® and WiFi

**SPECIFICATIONS**

- Intel® Centrino® Mobile Technology
- Intel® Core™ Solo Processor U1500 (1.33 GHz)
- Microsoft Windows® Vista™ Business
- Processor System Bus : 533 MHz
- 2 MB L2 Cache
- Intel® 945GMS Express Chipset
- 1 GB DDR2 SDRAM (1 / 1 slot occupied, 512 MB onboard)
- Maximum RAM : 1.5 GB
- Memory Bus : 533 MHz
- Hard Disk : 100 GB Ultra ATA/100, 4200 rpm
- Hard Drive Shock Protection
- DVD Supermulti Drive (8x Max Single Layer Write)
- Three Surface Carbon Structure

- Total Available Graphics Memory\*\* : 224 MB
- 12.1" White LED LCD (1024 x 768)

**LITHIUM-ION BATTERY**

- Standard Battery Life (JEITA) : 11.5 hrs

**SECURITY**

- Biometric Fingerprint Sensor
- Hard Drive Password Protection
- Trusted Platform Module (TPM) 1.2 Chip

**CONNECTIVITY**

- Intel® Wireless 802.11a / b / g
- RJ45 Ethernet (10/100)
- RJ11 Modem (v.90, v.92 compliant)
- Bluetooth® 2.0+EDR
- 2 x USB 2.0
- Memory Stick Pro / Pro Duo Slot
- SD Card Slot
- PCMCIA Type I / II
- Stereo Microphone In
- Headphone Out
- Monitor D-Sub 15-pin

**DIMENSIONS AND WEIGHT**

- Dimensions (WxHxDmm) : 277 x 23.5-25.5 x 215
- Weight : 1.15kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC16V11)
- Lithium-Ion Battery (VGP-BPL7)

**RECOMMENDED ACCESSORIES**

Semi-hard Carrying Case : VGPCCK1

Leather Carrying Cover : VGPCVG1T

Battery : VGPBPL7



\*\* The system shares its video memory with the main memory.

**VGNC21GH****13.3" LIFESTYLE LAPTOP**

- ✓ 1.60 GHz Intel® Pentium® Dual-Core
- ✓ 80 GB HDD, 512 MB RAM
- ✓ 13.3" Clear Bright LCD Widescreen
- ✓ Full Pitch Keyboard
- ✓ Bluetooth® and WiFi

**SPECIFICATIONS**

- Intel® Pentium® Dual-Core Processor T2060 (1.60 GHz)
- Microsoft Windows® Vista™ Home Basic
- Processor System Bus : 533 MHz
- 1 MB L2 Cache
- Intel® 945GM Express Chipset
- 512 MB DDR2 SDRAM (1 x 512 MB, 1 / 2 slots occupied)
- Maximum RAM : 2 GB
- Memory Bus : 533 MHz
- Hard Disk : 80 GB SATA, 5400 rpm
- DVD Supermulti Drive (8x Max Single Layer Write)
- Magnesium Alloy Chassis

- 13.3" Clear Bright LCD Widescreen (1280 x 800)

**LITHIUM-ION BATTERY**

- Standard Battery Life (JEITA) : 3.5 hrs
- Extended Battery Life (JEITA) : 5.5 hrs\*

**CONNECTIVITY**

- Intel® Wireless 802.11b / g
- RJ45 Ethernet (10/100)
- RJ11 Modem (v.90, v.92 compliant)
- Bluetooth® 2.0+EDR
- 2 x USB 2.0
- i.Link / Firewire : 4-pin
- Memory Stick Pro / Pro Duo Slot
- ExpressCard™: 34 mm
- Stereo Microphone In
- Headphone Out
- S-Video Out
- Monitor D-Sub 15-pin

**DIMENSIONS AND WEIGHT**

- Dimensions (WxHxDmm) : 329.6 x 36.7-37.2 x 235.6
- Weight : 2.3kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC19V12)
- Lithium-Ion Battery (VGP-BPS2C)
- ExpressCard™ Memory Card Adaptor (VGP-MCA20) : Memory Stick Pro, SD, MMC, xD

**RECOMMENDED ACCESSORIES**

Extended Battery : VGPBPL2C

Port Replicator : VGPPRC1



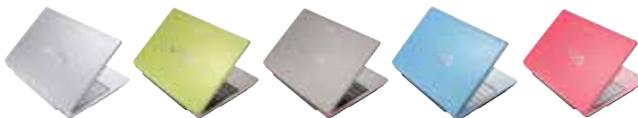
#Optional extended battery.

\*\* The system shares its video memory with the main memory.



**VGNC25G****13.3" LIFESTYLE LAPTOP**

- ✓ 1.66 GHz Intel® Core™2 Duo
- ✓ 80 GB HDD, 1 GB RAM
- ✓ 13.3" Clear Bright LCD Widescreen
- ✓ Full Pitch Keyboard
- ✓ Bluetooth® and WiFi

**SPECIFICATIONS**

- Intel® Centrino® Duo Mobile Technology
  - Intel® Core™2 Duo Processor T5500 (1.66 GHz)
  - Microsoft Windows® Vista™ Home Premium
  - Processor System Bus : 667 MHz
  - 2 MB L2 Cache
  - Intel® 945PM Express Chipset
  - 1 GB DDR2 SDRAM (1 x 1 GB, 1 / 2 slots occupied)
  - Maximum RAM : 2 GB
  - Memory Bus : 533 MHz
  - Hard Disk : 80 GB SATA, 5400 rpm
  - DVD Supermulti Drive (8x Max Single Layer Write)
  - Magnesium Alloy Chassis
- GRAPHICS**
- NVIDIA® GeForce® Go 7400
  - Total Available Graphics Memory\*\* : 319 MB

- 13.3" Clear Bright LCD Widescreen (1280 x 800)
- LITHIUM-ION BATTERY**
- Standard Battery Life (JEITA) : 3.5 hrs
  - Extended Battery Life (JEITA) : 5 hrs\*
- CONNECTIVITY**
- Intel® Wireless 802.11a / b / g
  - RJ45 Ethernet (10/100)
  - RJ11 Modem (v.90, v.92 compliant)
  - Bluetooth® 2.0+EDR
  - 2 x USB 2.0
  - i.Link / Firewire : 4-pin
  - Memory Stick Pro / Pro Duo Slot
  - ExpressCard™: 34 mm
  - Stereo Microphone In
  - Headphone Out
  - S-Video Out
  - Monitor D-Sub 15-pin
- DIMENSIONS AND WEIGHT**
- Dimensions (WxHxDmm) : 329.6 x 36.7-37.2 x 235.6
  - Weight : 2.3kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC19V12)
- Lithium-Ion Battery (VGP-BPS2C)
- ExpressCard™Memory Card Adaptor (VGP-MCA20) : Memory Stick Pro, SD, MMC, xD

Available in  
*Black (VGN-C25G/B),  
 White (VGN-C25G/W),  
 Green (VGN-C25G/G),  
 Grey (VGN-C25G/H),  
 Blue (VGN-C25G/L),  
 and Pink (VGN-C25G/P)*

**RECOMMENDED ACCESSORIES**

Extended Battery : VGPBPL2C

Port Replicator : VGPPRC1



#Optional extended battery.

\*\* The system shares its video memory with the main memory.

**VGNSZ43GN****13.3" PERFORMANCE MOBILE LAPTOP**

- ✓ 1.66 GHz Intel® Core™2 Duo
- ✓ 80 GB HDD, 1 GB RAM
- ✓ Fingerprint Sensor and TPM Chip
- ✓ 13.3" Clear Bright LCD Widescreen
- ✓ Hybrid Graphic System
- ✓ MOTION EYE Camera, Bluetooth® and WiFi

**SPECIFICATIONS**

- Intel® Centrino® Duo Mobile Technology
- Intel® Core™2 Duo Processor T5500 (1.66 GHz)
- Microsoft Windows® Vista™ Business
- Processor System Bus : 667 MHz
- 2 MB L2 Cache
- Intel® 945GM Express Chipset
- 1 GB DDR2 SDRAM (1 x 1 GB, 1 / 2 slots occupied)
- Maximum RAM : 2 GB
- Memory Bus : 533 MHz
- MOTION EYE Camera (VGA CMOS) with built-in microphone
- Hard Disk : 80 GB SATA, 5400 rpm
- Hard Drive Shock Protection
- DVD Supermulti Drive (8x Max Single Layer Write)
- Magnesium Alloy Chassis

**GRAPHICS**

- Hybrid Graphic System
  - NVIDIA® GeForce® Go 7400 and Intel® Media Accelerator 950 Selectable
  - Total Available Graphics Memory\*\* : 319 MB
  - 13.3" Clear Bright LCD Widescreen (1280 x 800)
- LITHIUM-ION BATTERY**
- Standard Battery Life (JEITA) : 5.5 hrs (Stamina Mode)
  - Extended Battery Life (JEITA) : 8.5 hrs\* (Stamina Mode)
- SECURITY**
- Biometric Fingerprint Sensor
  - Hard Drive Password Protection
  - Trusted Platform Module (TPM) 1.2 Chip
- CONNECTIVITY**
- Intel® Wireless 802.11a / b / g
  - RJ45 Ethernet (10/100)

- RJ11 Modem (v.90, v.92 compliant)
  - Bluetooth® 2.0+EDR
  - 2 x USB 2.0
  - i.Link / Firewire : 4-pin
  - Memory Stick Pro Duo Slot
  - ExpressCard™: 34 mm
  - PCMCIA Type I / II
  - Stereo Microphone In
  - Headphone Out
  - Monitor D-Sub 15-pin
- DIMENSIONS AND WEIGHT**
- Dimensions (WxHxDmm) : 315 x 24.7-36 x 234.3
  - Weight : 1.85kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC19V12)

**RECOMMENDED ACCESSORY**

Extended Battery : VGPBPL2C



#Optional extended battery.

\*\* The system shares its video memory with the main memory.

**VGNSZ44GN****13.3" PERFORMANCE MOBILE LAPTOP**

- ✓ 1.83 GHz Intel® Core™2 Duo
- ✓ 100 GB HDD, 1 GB RAM
- ✓ Fingerprint Sensor and TPM Chip
- ✓ 13.3" Clear Bright LCD Widescreen
- ✓ Hybrid Graphic System
- ✓ MOTION EYE Camera, Bluetooth® and WiFi

**SPECIFICATIONS**

- Intel® Centrino® Duo Mobile Technology
  - Intel® Core™2 Duo Processor T5600 (1.83 GHz)
  - Microsoft Windows® Vista™ Business
  - Processor System Bus : 667 MHz
  - 2 MB L2 Cache
  - Intel® 945GM Express Chipset
  - 1 GB DDR2 SDRAM (1 x 1 GB, 1 / 2 slots occupied)
  - Maximum RAM : 2 GB
  - Memory Bus : 533 MHz
  - MOTION EYE Camera (VGA CMOS) with built-in microphone
  - Hard Disk : 100 GB SATA, 5400 rpm
  - Hard Drive Shock Protection
  - DVD Supermulti Drive (8x Max Single Layer Write)
  - Magnesium Alloy Chassis
- GRAPHICS**
- Hybrid Graphic System

- NVIDIA® GeForce® Go 7400 and Intel® Media Accelerator 950 Selectable
  - Total Available Graphics Memory\*\* : 319 MB
  - 13.3" Clear Bright LCD Widescreen (1280 x 800)
- LITHIUM-ION BATTERY**
- Standard Battery Life (JEITA) : 5.5 hrs (Stamina Mode)
  - Extended Battery Life (JEITA) : 8.5 hrs\* (Stamina Mode)
- SECURITY**
- Biometric Fingerprint Sensor
  - Hard Drive Password Protection
  - Trusted Platform Module (TPM) 1.2 Chip
- CONNECTIVITY**
- Intel® Wireless 802.11a / b / g
  - RJ45 Ethernet (10/100)
  - RJ11 Modem (v.90, v.92 compliant)
  - Bluetooth® 2.0+EDR
  - 2 x USB 2.0

- i.Link / Firewire : 4-pin
  - Memory Stick Pro Duo Slot
  - ExpressCard™: 34 mm
  - PCMCIA Type I / II
  - Stereo Microphone In
  - Headphone Out
  - Monitor D-Sub 15-pin
- DIMENSIONS AND WEIGHT**
- Dimensions (WxHxDmm) : 315 x 24.7-36 x 234.3
  - Weight : 1.85kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC19V12)
- Lithium-Ion Battery (VGP-BPS2C)
- ExpressCard™Memory Card Adaptor (VGP-MCA20) : Memory Stick Pro, SD, MMC, xD

**RECOMMENDED ACCESSORY**

Extended Battery : VGPBPL2C



#Optional extended battery.

\*\* The system shares its video memory with the main memory.

**VGNSZ48GN****13.3" PERFORMANCE MOBILE LAPTOP**

- ✓ 2.00 GHz Intel® Core™2 Duo
- ✓ 160 GB HDD, 1 GB RAM
- ✓ Fingerprint Sensor and TPM Chip
- ✓ Multi-layered Carbon Fibre LCD Chassis
- ✓ 13.3" White LED Clear Bright LCD Widescreen
- ✓ Hybrid Graphic System
- ✓ MOTION EYE Camera, Bluetooth® and WIFI

**SPECIFICATIONS**

- Intel® Centrino® Duo Mobile Technology
- Intel® Core™2 Duo Processor T7200 (2.00 GHz)
- Microsoft Windows® Vista™ Business
- Processor System Bus : 667 MHz
- 4 MB L2 Cache
- Intel® 945GM Express Chipset
- 1 GB DDR2 SDRAM (1 x 1 GB, 1 / 2 slots occupied)
- Maximum RAM : 2 GB
- Memory Bus : 533 MHz
- MOTION EYE Camera (VGA CMOS) with built-in microphone
- Hard Disk : 160 GB SATA, 5400 rpm
- Hard Drive Shock Protection
- DVD Supermulti Drive (8x Max Single Layer Write)
- Multi-layered Carbon Fibre and Magnesium Alloy Chassis

**GRAPHICS**

- Hybrid Graphic System
- NVIDIA® GeForce® Go 7400 and Intel® Media Accelerator 950 Selectable
- Total Available Graphics Memory\*\* : 319 MB
- 13.3" White LED Clear Bright LCD Widescreen (1280 x 800)

**LITHIUM-ION BATTERY**

- Standard Battery Life (JEITA) : 6.5 hrs (Stamina Mode)
- Extended Battery Life (JEITA) : 10 hrs† (Stamina Mode)

**SECURITY**

- Biometric Fingerprint Sensor
- Hard Drive Password Protection
- Trusted Platform Module (TPM) 1.2 Chip

**CONNECTIVITY**

- Intel® Wireless 802.11a / b / g
- RJ45 Ethernet (10/100)
- RJ11 Modem (v.90, v.92 compliant)

- Bluetooth® 2.0+EDR
- 2 x USB 2.0
- i.Link / Firewire : 4-pin
- Memory Stick Pro Duo Slot
- ExpressCard™: 34 mm
- PCMCIA Type I / II
- Stereo Microphone In
- Headphone Out
- Monitor D-Sub 15-pin

**DIMENSIONS AND WEIGHT**

- Dimensions (WxHxDmm) : 315 x 21.8-32.6 x 234.3
- Weight : 1.69kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC19V12)
- Lithium-Ion Battery (VGP-BPS2C)
- ExpressCard™Memory Card Adaptor (VGP-MCA20) : Memory Stick Pro, SD, MMC, xD

**RECOMMENDED ACCESSORY**

Port Replicator : VGPPRSZ1



#Optional extended battery.

\*\* The system shares its video memory with the main memory.

**VGNFE45G****15.4" PERFORMANCE MULTIMEDIA LAPTOP**

- ✓ 1.83 GHz Intel® Core™2 Duo
- ✓ 100 GB HDD, 1 GB RAM
- ✓ 15.4" Clear Bright High Colour LCD Widescreen
- ✓ Full Pitch Keyboard
- ✓ MOTION EYE Camera, Bluetooth® and WIFI

**SPECIFICATIONS**

- Intel® Centrino® Duo Mobile Technology
- Intel® Core™2 Duo Processor T5600 (1.83 GHz)
- Microsoft Windows® Vista™ Home Premium
- Processor System Bus : 667 MHz
- 2 MB L2 Cache
- Intel® 945PM Express Chipset
- 1 GB DDR2 SDRAM (1 x 1 GB, 1 / 2 slots occupied)
- Maximum RAM : 2 GB
- Memory Bus : 667 MHz
- MOTION EYE Camera (VGA CMOS) with built-in microphone
- Hard Disk : 100 GB SATA, 5400 rpm
- DVD Supermulti Drive (8x Max Single Layer Write)
- Magnesium Alloy Chassis

**GRAPHICS**

- NVIDIA® GeForce® Go 7600
- Total Available Graphics Memory\*\* : 383 MB
- 15.4" Clear Bright High Colour LCD Widescreen (Dual Lamp, 1280 x 800)

**LITHIUM-ION BATTERY**

- Standard Battery Life (JEITA) : 2.5 hrs
- Extended Battery Life (JEITA) : 4.5 hrs†

**CONNECTIVITY**

- Intel® Wireless 802.11a / b / g
- RJ45 Ethernet (10/100)
- RJ11 Modem (v.90, v.92 compliant)
- Bluetooth® 2.0+EDR
- 3 x USB 2.0
- i.Link / Firewire : 4-pin
- Memory Stick Pro Duo Slot
- ExpressCard™: 34 mm
- PCMCIA Type I / II
- Stereo Microphone In

- Headphone Out
- S-Video Out
- Monitor D-Sub 15-pin

- Dimensions (WxHxDmm) : 366 x 26-35.3 x 274.5
- Weight : 2.8kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC19V12)
- Lithium-Ion Battery (VGP-BPS2B)
- ExpressCard™Memory Card Adaptor (VGP-MCA20) : Memory Stick Pro, SD, MMC, xD

**RECOMMENDED ACCESSORIES**

Extended Battery : VGPBPL2C



Port Replicator : VGPPRFE1



#Optional extended battery.

\*\* The system shares its video memory with the main memory.

**VGNFE48G****15.4" PERFORMANCE MULTIMEDIA LAPTOP**

- ✓ 2.00 GHz Intel® Core™2 Duo
- ✓ 160 GB HDD, 1 GB RAM
- ✓ 15.4" Clear Bright High Colour LCD Widescreen
- ✓ Full Pitch Keyboard
- ✓ MOTION EYE Camera, Bluetooth® and WIFI

**SPECIFICATIONS**

- Intel® Centrino® Duo Mobile Technology
- Intel® Core™2 Duo Processor T7200 (2.00 GHz)
- Microsoft Windows® Vista™ Home Premium
- Processor System Bus : 667 MHz
- 4 MB L2 Cache
- Intel® 945PM Express Chipset
- 1 GB DDR2 SDRAM (1 x 1 GB, 1 / 2 slots occupied)
- Maximum RAM : 2 GB
- Memory Bus : 667 MHz
- MOTION EYE Camera (VGA CMOS) with built-in microphone
- Hard Disk : 160 GB SATA, 5400 rpm
- DVD Supermulti Drive (8x Max Single Layer Write)
- Magnesium Alloy Chassis

- Total Available Graphics Memory\*\* : 383 MB
- 15.4" Clear Bright High Colour LCD Widescreen (Dual Lamp, 1280 x 800)

**LITHIUM-ION BATTERY**

- Standard Battery Life (JEITA) : 2.5 hrs
- Extended Battery Life (JEITA) : 4 hrs†

**CONNECTIVITY**

- Intel® Wireless 802.11a / b / g
- RJ45 Ethernet (10/100)
- RJ11 Modem (v.90, v.92 compliant)
- Bluetooth® 2.0+EDR
- 3 x USB 2.0
- i.Link / Firewire : 4-pin
- Memory Stick Pro Duo Slot
- ExpressCard™: 34 mm
- PCMCIA Type I / II
- Stereo Microphone In
- Headphone Out
- S-Video Out
- Monitor D-Sub 15-pin

- Dimensions (WxHxDmm) : 366 x 26-35.3 x 274.5
- Weight : 2.8kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC19V12)
- Lithium-Ion Battery (VGP-BPS2B)
- ExpressCard™Memory Card Adaptor (VGP-MCA20) : Memory Stick Pro, SD, MMC, xD

**RECOMMENDED ACCESSORIES**

Extended Battery : VGPBPL2C



Port Replicator : VGPPRFE1



#Optional extended battery.

\*\* The system shares its video memory with the main memory.

**VGNN27GH****15.4" MULTIMEDIA LAPTOP**

- ✓ 1.60 GHz Intel® Core™2 Duo
- ✓ 80 GB HDD, 512 MB RAM
- ✓ 15.4" Clear Bright LCD Widescreen
- ✓ Full Pitch Keyboard and WiFi

**SPECIFICATIONS**

- Intel® Centrino® Duo Mobile Technology
  - Intel® Core™2 Duo Processor T5200 (1.60 GHz)
  - Microsoft Windows® Vista™ Home Basic
  - Processor System Bus : 533 MHz
  - 2 MB L2 Cache
  - Intel® 945GM Express Chipset
  - 512 MB DDR2 SDRAM (1 x 512 MB, 1 / 2 slots occupied)
  - Maximum RAM : 2 GB
  - Memory Bus : 533 MHz
  - Hard Disk : 80 GB SATA, 5400 rpm
  - DVD Supermulti Drive (8x Max Single Layer Write)
- GRAPHICS**
- Intel® Media Accelerator 950
  - Total Available Graphics Memory\*\* : 64 MB
- 15.4" Clear Bright LCD Widescreen (1280 x 800)

**LITHIUM-ION BATTERY**

- Standard Battery Life (JEITA) : 3 hrs
- Extended Battery Life (JEITA) : 6 hrs\*

**CONNECTIVITY**

- Intel® Wireless 802.11a / b / g
- RJ45 Ethernet (10/100)
- RJ11 Modem (v.90, v.92 compliant)
- 2 x USB 2.0
- i.Link / Firewire : 4-pin
- Memory Stick Pro / Pro Duo Slot
- SD Card Slot
- ExpressCard™: 34 mm
- Stereo Microphone In
- Headphone Out
- Monitor D-Sub 15-pin

**DIMENSIONS AND WEIGHT**

- Dimensions (WxHxDmm) : 364 x 29-38.9 x 264.5
- Weight : 2.95kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC19V20)
- Lithium-Ion Battery (VGP-BPS2A/S)

**RECOMMENDED ACCESSORY**

Extended Battery : VGPBPL2C



#Optional extended battery.

\*\* The system shares its video memory with the main memory.

**VGNA38G****17" HIGH DEFINITION MULTIMEDIA LAPTOP**

- ✓ 2.16 GHz Intel® Core™2 Duo
- ✓ 240 GB HDD, 2 GB RAM
- ✓ 17" HD Clear Bright High Colour LCD Widescreen
- ✓ High Definition Multimedia Interface (HDMI)
- ✓ Blu-ray Burner / Player (Dual Layer)
- ✓ Full Pitch Keyboard, Illuminated Logo under LCD
- ✓ MOTION EYE Camera, Bluetooth® and WiFi

**SPECIFICATIONS**

- Intel® Centrino® Duo Mobile Technology
- Intel® Core™2 Duo Processor T7400 (2.16 GHz)
- Microsoft Windows® Vista™ Home Premium
- Processor System Bus : 667 MHz
- 4 MB L2 Cache
- Intel® 945PM Express Chipset
- 2 GB DDR2 SDRAM (2 x 1 GB, 2 / 2 slots occupied)
- Maximum RAM : 2 GB
- Memory Bus : 667 MHz
- MOTION EYE Camera (VGA CMOS) with built-in microphone
- Hard Disk : 240 GB (2 x 120 GB SATA) RAID 0 / 1, 5400 rpm
- Blu-ray Burner
- Magnesium Alloy Chassis

**GRAPHICS**

- NVIDIA® GeForce® Go 7600 GT
- Total Available Graphics Memory\*\* : 527 MB
- 17" Clear Bright High Colour LCD Widescreen (Dual Lamp, 1920 x 1200)

**LITHIUM-ION BATTERY**

- Standard Battery Life (JEITA) : 1.5 hrs
- Extended Battery Life (JEITA) : 2 hrs\*

**CONNECTIVITY**

- Intel® Wireless 802.11a / b / g
- RJ45 Ethernet (10/100)
- RJ11 Modem (v.90, v.92 compliant)
- Bluetooth® 2.0+EDR
- 3 x USB 2.0
- i.Link / Firewire : 4-pin
- Memory Stick Pro / Pro Duo Slot
- SD Card Slot
- ExpressCard™: 34 / 54 mm

- PCMCIA Type I / II
  - Stereo Microphone In
  - Headphone Out
  - S-Video Out
  - HDMI Out
  - S/PDIF Optical Out
  - Monitor D-Sub 15-pin
- DIMENSIONS AND WEIGHT**
- Dimensions (WxHxDmm) : 416 x 33.5-41.5 x 299.5
  - Weight : 3.8kg (inc. supplied battery)

**SUPPLIED ACCESSORIES**

- AC Power Adaptor (VGP-AC19V16)
- Lithium-Ion Battery (VGP-BPS2C)

**RECOMMENDED ACCESSORIES**

Extended Battery : VGPBPL2C

Port Replicator : VGPPRFE1



#Optional extended battery.

\*\* The system shares its video memory with the main memory.

**VAIO PORT REPLICATORS**

VGPPRC1 \$359.00 \*

VGPPRFE1 \$449.00 \*

VGPPRSZ1 \$369.00 \*

VGPPRTX1 \$359.00 \*

**SPECIFICATIONS**

- Monitor : Analogue RGB (D-SUB 15-pin) and DVI-D
- Network Connector : RJ-45 (10/100/1000)
- USB : 3 x Type A
- Dimensions (WxHxDmm) : 343 x 34.6 x 213
- Weight : 1600 g
- Suits the "C" Series VAIOs

**SPECIFICATIONS**

- Monitor : Analogue RGB (D-SUB 15-pin) and DVI-D
- Network Connector : RJ-45 (10/100/1000)
- USB : 4 x Type A
- Audio : Optical Out, Headphone Out
- Video : Composite, S-Video Out
- Multi Function Bay (compatible with VGP-HDBX08)
- AC Adaptor Included (VGP-AC19V9)
- Dimensions (WxHxDmm) : 392 x 47.8 x 191
- Weight : 1500 g
- Suits the "AR" and "FE" Series VAIOs

**SPECIFICATIONS**

- Monitor : Analogue RGB (D-SUB 15-pin)
- Network Connector : RJ-45 (10/100/1000)
- USB : 3 x Type A
- Dimensions (WxHxDmm) : 330 x 34 x 152
- Weight : 950 g
- Suits the "SZ" Series VAIOs

**SPECIFICATIONS**

- Monitor : Analogue RGB (D-SUB 15-pin)
- Network Connector : RJ-45 (10/100)
- USB : 3 x Type A
- Dimensions (WxHxDmm) : 290 x 32 x 141
- Weight : 980 g
- Suits the "TX" Series VAIOs



Image shown VGPPRC1



Image shown VGPPRSZ1



Image shown VGPPRFE1

## VAIO LITHIUM-ION BATTERIES

VGPBPS2C  
\$349.00 \*

### SPECIFICATIONS

- Capacity : 5200 mAh
- Output Voltage : 11.1V
- Dimensions (WxHxDmm) : 206.7 x 19.5 x 46.6
- Weight : 330 g
- Suits the "AR", "FE", "N", "C" and "SZ" Series VAIOs

VGPBPS5A  
\$329.00 \*

### SPECIFICATIONS

- Capacity : 7800 mAh
- Output Voltage : 7.4V
- Dimensions (WxHxDmm) : 206 x 20.3 x 47
- Weight : 330 g
- Suits the "TX" Series VAIOs

VGPBPL5A  
\$599.00 \*

### SPECIFICATIONS

- Extended Battery
- Capacity : 13000 mAh
- Output Voltage : 7.4V
- Dimensions (WxHxDmm) : 206 x 39.9 x 58.7
- Weight : 540 g
- Suits the "TX" Series VAIOs

VGPBPL6  
\$529.00 \*

### SPECIFICATIONS

- Extended battery
- Capacity : 5200 mAh
- Output Voltage : 7.4V
- Dimensions (WxHxDmm) : 75.4 x 37.8 x 67
- Weight : 220 g
- Suits the "UX" Series VAIOs

VGPBPL7  
\$319.00 \*

### SPECIFICATIONS

- Capacity : 5800 mAh
- Output Voltage : 10.8V
- Dimensions (WxHxDmm) : 204.7 x 20.6 x 51.5
- Weight : 312 g
- Suits the "G" Series VAIOs

VGPBPL2C  
\$599.00 \*

### SPECIFICATIONS

- Extended Battery
- Capacity : 7800 mAh
- Output Voltage : 11.1V
- Dimensions (WxHxDmm) : 206.7 x 33.9 x 67.7
- Weight : 490 g
- Suits the "AR", "FE", "N", "C" and "SZ" Notebooks



Image shown VGPBPS2CS



Image shown VGPBPS5A

## VGPHDBX08A

OPTIONAL DRIVE \$449.00 \*

### SPECIFICATIONS

- User Changeable Hard Drive
- 80 GB Ultra-ATA Hard Drive
- Dimensions (WxHxDmm) : 131 x 17.4 x 144.5
- Weight : 195 g
- Suits the VGPPRFE1



## VAIO AC ADAPTOR

VGPAC19V10 \$169.00 \*  
VGPAC19V12 \$169.00 \*

VGPAC16V8 \$189.00 \*

### SPECIFICATIONS

- Dimensions (WxHxDmm) : 63 x 30 x 140
- Weight : 420 g
- 19.5 V DC Spare Power Supply
- MultiVoltage
- Suits the "L", "FE", "N", "C" and "SZ" Series VAIOs

### SPECIFICATIONS

- Dimensions (WxHxDmm) : 49.5 x 114.5 x 29
- Weight : 270 g
- 16 V DC Spare Power Supply
- MultiVoltage
- Suits the "G" and "TX" Series VAIOs

Image shown VGPAC19V10/V12



## VGPSP100

2.1 USB PC SPEAKERS \$339.00 \*

- ✓ USB / AC Powered USB 2.0 Speakers
- ✓ 3.5 mm Audio In for external audio source

### SPECIFICATIONS

- 2.1 Channel Speaker System (1.2 W x 3)
- Multivoltage Power Supply
- Dimensions (WxHxDmm) : 534 x 188.8 x 109.8
- Weight : 2.65kg



## VGPCKSZ1

VAIO POUCH \$109.00 \*

- ✓ VAIO Smart Protection
- ✓ Magnetic Clasp

### SPECIFICATIONS

- Colour : Black and Grey
- Dimensions (WxHxDmm) : 345 x 265 x 55 mm
- Weight : 730g
- Suits the "SZ" Series VAIOs



## VGPCKG1

VAIO SEMI-HARD CASE \$89.00 \*

### SPECIFICATIONS

- Nylon Material
- Protectors for LCD screen
- Independent space for AC adaptor to prevent scratches
- Colour : Black
- Dimensions (WxHxDmm) : 295 x 355 x 35
- Weight : 670 g
- Suits the "G" Series VAIOs



## VGPMBC20

15.4" LAPTOP BAG \$109.00 \*

- ✓ Adjustable Handle Length
- ✓ Nylon and Polyurethane Material
- ✓ Ideal for 15.4" Laptops and smaller

### SPECIFICATIONS

- Adjustable Handle Length : 320 / 450 / 580 (mm)
- External Dimensions (WxHxDmm) : 460 x 325 x 75
- Internal Dimensions (WxHxDmm) : 380 x 250 x 30
- Weight : 1.05kg
- Also available in Black



**VGPCKC1**

VAIO FASHION CARRY POUCH \$85.00 \*

- ✓ VAIO Smart Protection
- ✓ Velcro for convenient access

**SPECIFICATIONS**

- Dimensions (WxHxDmm) : 345 x 265 x 55
- Weight : 400 g
- Suits the "C" Series VAIOs

Available in Green (VGP-CKC1/G), Grey (VGP-CKC1/H) and Pink (VGP-CKC1/P)

**VGPUMS20**

VAIO USB OPTICAL MOUSE \$65.00 \*

- ✓ 800 dpi Optical Resolution

**SPECIFICATIONS**

- Cable Length : Approx. 80 cm
- Dimensions (WxHxDmm) : 52.6 x 26.7 x 90.6
- Weight : 50 g

Available in Black (VGPUMS20B), Green (VGPUMS20G), Grey (VGPUMS20H), Pink (VGPUMS20P), Silver (VGPUMS20S) and Blue (VGPUMS20L)

**VGPUMS55**

VAIO USB LASER MOUSE \$65.00 \*

- ✓ Laser Sensor
- ✓ 800 dpi Optical Resolution

**SPECIFICATIONS**

- Cable Length : Approx. 100 cm
- Dimensions (WxHxDmm) : 60.8 x 37.3 x 113.7
- Weight : 90 g

Available in Black (VGPUMS55B) or Silver (VGPUMS55S)

**VGPBMS33**

VAIO BLUETOOTH LASER MOUSE \$109.00 \*

- ✓ Range : 10 m
- ✓ 800 dpi Optical Resolution
- ✓ Bluetooth® v2.0 (2.4 GHz)

**SPECIFICATIONS**

- Battery Life : Approx 3 months
- Power Requirements : 2 x AA batteries (included)
- Dimensions (WxHxDmm) : 54 x 32 x 125
- Weight : 110 g

Available in Black (VGPBMS33B) or Silver (VGPBMS33S)

**VGPWMS50A**

VAIO WIRELESS OPTICAL MOUSE \$119.00 \*

- ✓ Range : 10 m
- ✓ 800 dpi Optical Resolution
- ✓ Digital Wireless (2.4 GHz)

**SPECIFICATIONS**

- Battery Life : Approx. 3 months
- Power Requirements : 2 x AA batteries (included)
- Dimensions (WxHxDmm) : 59.9 x 37.3 x 111.9
- Weight : 120 g

**VNCX1**

VOIP MOUSE \$129.00 \*

- ✓ USB 2.0 Interface
- ✓ Works as a generic USB Voice over IP phone
- ✓ Flip phone operation
- ✓ Software supplied for Skype integration
- ✓ 800 dpi Optical Resolution

**SPECIFICATIONS**

- Cable Length : Approx. 110 cm
- Dimensions (WxHxDmm) : 45.5 x 23.9 x 89.2
- Weight : 67 g

Available in Black (VNCX1B), White (VNCX1W) or Blue (VNCX1L)

**VAIO EXTENDED WARRANTY**

VEWOPT1 \$349.00 \*

- Return to Base (Authorised VAIO Service Centre)
- Additional 2 Year Warranty (Total 3 Years)



VEWOPT2 \$499.00 \*

- Courier Pick-Up. Conditions apply
- Additional 2 Year Warranty (Total 3 Years)

**VOS3701AU**

12 MONTH VAIO OVERSEAS SERVICE \$110.00 \*

**FEATURES**

- Free-of-charge repair in designated countries for one year from VAIO purchase date
- Only available for VAIO notebooks purchased from Australian Authorised VAIO Kiosks
- Must be purchased within 60 days of purchase of a VAIO notebook
- Conditions apply. Please refer to [www.sony.com.au/vaio](http://www.sony.com.au/vaio) for Terms and Conditions.

**APPLICABLE COUNTRIES**

- Asia : Japan, Hong Kong, South Korea, Taiwan, Thailand, Malaysia, Singapore
- Europe : Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Liechtenstein, Luxembourg, The Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom
- Middle East : United Arab Emirates, Saudi Arabia
- North America : Canada, United States of America
- Oceania : New Zealand



**VPLES4****SVGA LCD DATA PROJECTOR**

- ✓ 3LCD Projection System
- ✓ 2200 ANSI Lumens
- ✓ Ceiling Mountable
- ✓ Short Throw Lens
- ✓ Quiet Operation

**SPECIFICATIONS****RESOLUTION**

- Native Resolution : 800 x 600 (SVGA)
- Accepts up to 1440 x 1050 (SXGA)

**BRIGHTNESS**

- 2100 ANSI Lumens (High Mode)
- 1600 ANSI Lumens (Standard Mode)

**EXPECTED LAMP LIFE**

- 2200 hrs (High Mode)
- 1500 hrs (Standard Mode)

**GENERAL**

- Vertical Keystone Correction ( $\pm 30^\circ$ )
- Screen Size : 1m (40") to 7.5m (300")
- Speaker : 1W
- Password Authentication System

**INTERFACES**

- Monitor D-sub 15-pin
  - Composite
  - S-Video
  - Component Input via 15-pin input
  - Stereo Mini Jack
  - RS-232C
  - Monitor Out
- DIMENSIONS AND WEIGHT :**
- Dimensions (WxHxDmm) : 308 x 98 x w267
  - Weight : 3kg

*Available with White top (VPLES4W) or Black top (VPLES4B)*

**VPLEX4****XGA LCD DATA PROJECTOR**

- ✓ 3LCD Projection System
- ✓ 2100 ANSI Lumens
- ✓ Ceiling Mountable
- ✓ Short Throw Lens
- ✓ Quiet Operation

**SPECIFICATIONS****RESOLUTION**

- Native Resolution : 1024 x 768 (XGA)
- Accepts up to 1440 x 1050 (SXGA)

**BRIGHTNESS**

- 2100 ANSI Lumens (High Mode)
- 1500 ANSI Lumens (Standard Mode)

**EXPECTED LAMP LIFE**

- 2000 hrs (High Mode)
- 3000 hrs (Standard Mode)

**GENERAL**

- Vertical Keystone Correction ( $\pm 30^\circ$ )
- Screen Size : 1m (40") to 7.5m (300")
- Speaker : 1W
- Password Authentication System

**INTERFACES**

- Monitor D-sub 15-pin x 2
  - Composite
  - S-Video
  - Component Input via 15-pin input
  - Stereo Mini Jack Input x 2
  - RS-232C
  - Monitor Out
  - Stereo Mini Jack Output
- DIMENSIONS AND WEIGHT :**
- Dimensions (WxHxDmm) : 308 x 98 x 267
  - Weight : 3kg

**VPLCS21****SVGA LCD DATA PROJECTOR**

\$1995.00 \*



- ✓ 3LCD Projection System
- ✓ 2100 / 1600 ANSI Lumens
- ✓ Off and Go
- ✓ Advanced Auto Set Up
- ✓ Short Throw Lens

**SPECIFICATIONS****RESOLUTION**

- Native Resolution : 800 x 600 (SVGA)
- Accepts up to 1440 x 1050 (SXGA)

**BRIGHTNESS**

- 2100 ANSI Lumens (High Mode)
- 1600 ANSI Lumens (Standard Mode)

**EXPECTED LAMP LIFE**

- 2000 hrs (High Mode)
- 3000 hrs (Standard Mode)

**GENERAL**

- Automatic / Manual Vertical Keystone Correction
- Screen Size : 1 m (40") to 7.5 m (300") diagonal
- Password Authentication System

**INTERFACES**

- Monitor D-SUB 15-pin
  - Composite
  - S-Video
  - Component Input via 15-pin input
  - Stereo RCA (with supplied adaptor)
- DIMENSIONS AND WEIGHT :**
- Dimensions (WxHxDmm) : 273 x 52 x 210
  - Weight : 1.9kg

**VPLCX21****XGA LCD DATA PROJECTOR**

\$2695.00 \*



- ✓ 3LCD Projection System
- ✓ XGA Native Resolution
- ✓ 2100 / 1600 ANSI Lumens
- ✓ Off and Go
- ✓ Advanced Auto Set Up
- ✓ Short Throw Lens

**SPECIFICATIONS****RESOLUTION**

- Native Resolution : 1024 x 768 (XGA)
- Accepts up to 1440 x 1050 (SXGA)

**BRIGHTNESS**

- 2100 ANSI Lumens (High Mode)
- 1600 ANSI Lumens (Standard Mode)

**EXPECTED LAMP LIFE**

- 2000 hrs (High Mode)
- 3000 hrs (Standard Mode)

**GENERAL**

- Automatic / Manual Vertical Keystone Correction
- Screen Size : 1 m (40") to 7.5 m (300") diagonal
- Password Authentication System

**INTERFACES**

- Monitor D-SUB 15-pin
  - Composite
  - S-Video
  - Component Input via 15-pin input
  - Stereo RCA (with supplied adaptor)
- DIMENSIONS AND WEIGHT :**
- Dimensions (WxHxDmm) : 273 x 52 x 210
  - Weight : 1.9kg

**VPLCX61****XGA LCD DATA PROJECTOR**

\$3295.00 \*



- ✓ XGA Native Resolution
- ✓ 2500 / 2000 ANSI Lumens
- ✓ Off and Go
- ✓ Short Throw Lens
- ✓ Ceiling Mountable

**SPECIFICATIONS****RESOLUTION**

- Native Resolution : 1024 x 768 (XGA)
- Accepts up to 1440 x 1050 (SXGA)

**BRIGHTNESS**

- 2500 ANSI Lumens (High Mode)
- 2000 ANSI Lumens (Standard Mode)

**EXPECTED LAMP LIFE**

- 2000 hrs (High Mode)
- 3000 hrs (Standard Mode)

**GENERAL**

- Vertical Keystone Correction
- Screen Size : 1 m (40") to 7.5 m (300") diagonal
- Password Authentication System

**INTERFACES**

- Monitor D-SUB 15-pin x 2
  - Composite
  - S-Video
  - Component Input via 15-pin input
  - Stereo Mini Jack Input x 2
  - Monitor Out
  - Stereo Mini Jack Output
- DIMENSIONS AND WEIGHT :**
- Dimensions (WxHxDmm) : 328 x 92.6 x 283.8
  - Weight : 3.7kg

**VPLCX76****XGA 3LCD DATA PROJECTOR**

\$3995.00 \*



- ✓ AirShot 2
- ✓ 3LCD Projection System
- ✓ XGA Native Resolution
- ✓ 2500 / 2000 ANSI Lumens
- ✓ Off and Go
- ✓ Side Shot
- ✓ Short Throw Lens
- ✓ Ceiling Mountable
- ✓ Advanced Auto Set Up

**SPECIFICATIONS****RESOLUTION**

- Native Resolution : 1024 x 768 (XGA)
- Accepts up to 1440 x 1050 (SXGA)

**BRIGHTNESS**

- 3000 ANSI Lumens (High Mode)
- 2000 ANSI Lumens (Standard Mode)

**EXPECTED LAMP LIFE**

- 2000 hrs (High Mode)
- 3000 hrs (Standard Mode)

**GENERAL**

- Automatic / Manual Vertical Keystone Correction
- Screen Size : 1 m (40") to 7.5 m (300") diagonal
- Password Authentication System

**INTERFACES**

- Monitor D-SUB 15-pin x 2
  - Composite
  - S-Video
  - Component Input via 15-pin input
  - Stereo Mini Jack Input
- DIMENSIONS AND WEIGHT :**
- Dimensions (WxHxDmm) : 298 x 69 x 244
  - Weight : 2.9kg

**MPF82EU1111**

USB FLOPPY DISK DRIVE \$69.95 \*

- ✓ USB 1.1 Interface
- ✓ Windows and Mac OS Compatible
- ✓ 3.5" Floppy Disc Drive

**MRW62ES1**

MULTI-CARD READER/WRI-TER \$49.95 \*

- ✓ Read and Write to a wide range of Memory Cards
- ✓ Plug and Play installation – no drivers required
- ✓ Windows and Macintosh compatible
- ✓ USB 2.0 Interface

**MEMORY CARDS SUPPORTED**

- Memory Stick (includes PRO, Duo, MagicGate, M2)
- SD and MiniSD™
- MultiMediaCard™
- RS-MMC™
- CompactFlash®
- Microdrive™
- SmartMedia™
- xD-Picture Card™

**CRX230AE**

INTERNAL IDE CD-RW DRIVE \$49.00 \*

- ✓ IDE Interface
- ✓ Nero® Software supplied

**SPECIFICATIONS**

- Buffer Memory
- 2 MB with Under-Run Protection
- Front Audio Out
- 3.5 mm Headphone Jack

**MAX WRITE**

- CD-R : 52x
- CD-RW : 32x

**MAX READ**

- CD-ROM : 52x
- CD-R : 52x
- CD-RW : 52x

**CRX320AE**

INTERNAL IDE COMBO DRIVE \$69.00 \*

- ✓ IDE Interface
- ✓ Reads DVD
- ✓ Nero® Software supplied

**SPECIFICATIONS**

- Buffer Memory
- 2 MB with Under-Run Protection
- Front Audio Out
- 3.5 mm Headphone Jack

**MAX WRITE**

- CD-R : 52x
- CD-RW : 32x

**MAX READ**

- DVD-ROM : 16x
- CD-ROM : 52x
- CD-R : 52x
- CD-RW : 52x

**DRX830UL**

EXTERNAL USB AND FIREWIRE DVD BURNER \$219.00 \*

- ✓ USB 2.0 and Firewire Interface
- ✓ DVD±RW DL Compatible
- ✓ Supports DVD-RAM
- ✓ Windows and Mac OS Software Included

**SPECIFICATIONS****BUFFER MEMORY**

- 2 MB with PowerBurn (Buffer Under-run Protection)

**MAX WRITE**

- DVD±R : 18x
- DVD+RW : 8x
- DVD-RW : 6x
- DVD±R DL : 8x
- DVD-RAM : 12x
- CD-R : 48x
- CD-RW : 32x

**MAX READ**

- DVD-ROM : 16x
- DVD±R : 12x
- DVD±RW : 8x
- DVD±R DL : 8x
- DVD-RAM : 12x
- CD-ROM : 48x
- CD-R : 48x
- CD-RW : 40x

**DIMENSIONS AND WEIGHT**

- Dimensions (WxHxDmm) : 52 x 164 x 250
- Weight : 1.6kg

**DRU830A**

INTERNAL IDE DVD BURNER \$109.00 \*

- ✓ IDE Interface
- ✓ DVD±RW DL Compatible
- ✓ Supports DVD-RAM
- ✓ Windows Software Included
- ✓ Interchangeable Black Faceplate included

**SPECIFICATIONS****BUFFER MEMORY**

- 2 MB with PowerBurn (Buffer Under-run Protection)

**MAX WRITE**

- DVD±R : 18x
- DVD+RW : 8x
- DVD-RW : 6x
- DVD±R DL : 8x
- DVD-RAM : 12x
- CD-R : 48x
- CD-RW : 32x

**MAX READ**

- DVD-ROM : 16x
- DVD±R : 12x
- DVD±RW : 8x
- DVD±R DL : 8x
- DVD-RAM : 12x
- CD-ROM : 48x
- CD-R : 48x
- CD-RW : 40x

**DIMENSIONS AND WEIGHT**

- Dimensions (WxHxDmm) : 145 x 41.5 x 165
- Weight : 750g

**DRXS50U**EXTERNAL ULTRASLIM  
DVD BURNER \$219.00 \*

- ✓ USB 2.0 Interface
- ✓ Super-slim portable design
- ✓ Supports DVD-RAM
- ✓ Comprehensive Nero® Software supplied

**SPECIFICATIONS**

- Buffer : 2 MB with PowerBurn (Buffer Under-run Protection)

**MAX WRITE SPEEDS**

- DVD±R : 8x
- DVD+RW : 8x
- DVD-RW : 6x
- DVD-RW : 8x
- DVD±R DL : 4x
- DVD-RAM : 5x
- CD-R : 24x
- CD-RW : 24x

**MAX READ SPEEDS**

- DVD-ROM : 8x
- DVD±R : 8x
- DVD±RW : 8x
- DVD±R DL : 6x
- DVD-RAM : 5x

- CD-ROM : 24x
- CD-R : 24x
- CD-RW : 24x

**DIMENSIONS AND WEIGHT**

- Dimensions (WxHxDmm) : 140 x 21 x 152
- Weight : 400 g

**BWU100A**INTERNAL IDE  
BLU-RAY BURNER  
\$1099.00 \*

- ✓ Australia's first stand-alone Blu-ray Burner
- ✓ Reads and Writes Blu-ray, DVD and CD media
- ✓ Store up to 50GB on a single Blu-ray disk
- ✓ Ideal for High Definition Video
- ✓ Huge bundled PC software suite
- ✓ Bonus Blu-ray Playback Software (Download from CyberLink)

**SPECIFICATIONS****BUFFER MEMORY**

- 8 MB

**MAX WRITE**

- BD-R : 2x
- BD-RE : 2x
- DVD±R : 8x
- DVD+RW : 6x
- DVD-RW : 8x
- DVD±R DL : 4x
- DVD-RAM : 5x
- CD-R : 24x
- CD-RW : 16x

**MAX READ**

- BD-AV : 2x
- BD-ROM : 2x
- BD-R : 2x
- BD-RE : 2x
- DVD-ROM : 8x
- DVD±R : 8x
- DVD±RW : 8x
- DVD±R DL : 8x
- DVD-RAM : 5x
- CD-ROM : 32x
- CD-R : 32x
- CD-RW : 24x

**VRDMC3**EXTERNAL MULTI-FUNCTION  
DVDIRECT DVD BURNER \$399.00 \*

- ✓ Transfer Video and Photos direct to DVD – no PC required
- ✓ Easily convert analogue and digital video sources to DVD
- ✓ Store up to 2000 photos on one DVD
- ✓ LCD Screen for easy operation
- ✓ PC Connectable as an External Burner
- ✓ USB 2.0 Interface
- ✓ Comprehensive Nero® software supplied

**SPECIFICATIONS**

- Pictbridge Compatible
- One-Touch DVD Burning Supported
- PAL and NTSC formats supported
- Photo Slideshow with Background Music

**RECORDING TIMES**

- HQ : 1 hour
- HSP : 1.5 hrs
- SP : 2 hrs
- LP : 3 hrs
- SLP : 6 hrs

**INPUTS AND INTERFACES**

- Composite
- S-Video
- Stereo RCA In
- Firewire
- USB
- Memory Stick Pro / Pro Duo Slot
- SD and xD Card Slot
- Compact Flash Slot

**OPTICAL DRIVE MAX WRITE SPEEDS**

- CD-R : 40x
- CD-RW : 24x
- DVD±R : 16x
- DVD+RW : 8x
- DVD-RW : 6x
- DVD±R DL : 8x

**OPTICAL DRIVE MAX READ SPEEDS**

- CD-ROM : 40x
- DVD-ROM : 16x

**DIMENSIONS AND WEIGHT**

- Dimensions (WxHxDmm) : 204 x 65 x 222
- Weight : 1.75kg

**AITE10OULBK**EXTERNAL AIT-1  
TURBO TAPE BACKUP  
DRIVE \$1400.00 \*

- ✓ iLink / Firewire and USB Interface
- ✓ Fully Accessorised Kit
- ✓ AIT Technology

**SPECIFICATIONS**

- Capacity (Uncompressed) : 40 GB
- Capacity (Compressed) : 104 GB
- Transfer Rate : 6 MB/s native
- Compatible Tapes : TAIT140C, TAIT140N, TAITE20N, SDX135C
- AIT Turbo Media supplied
- iLink Cable supplied
- USB Cable supplied
- 1Safe 'Drag and Drop' software (Windows)
- Warranty : 3 years

**AITE20OULBK**EXTERNAL AIT-2  
TURBO TAPE BACKUP  
DRIVE \$2249.00 \*

- ✓ iLink / Firewire and USB Interface
- ✓ Fully Accessorised Kit
- ✓ AIT Technology

**SPECIFICATIONS**

- Capacity (Uncompressed) : 80 GB
- Capacity (Compressed) : 208 GB
- Transfer Rate : 12 MB/s native
- Compatible Tapes : TAIT280C, TAIT280N, TAIT140C, TAIT140N, TAITE20N, SDX250C, SDX135C
- AIT Turbo Media supplied
- iLink Cable supplied
- USB Cable supplied
- Warranty : 3 years