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**VPCZ227GG/X**



VAIO Z Series is a high performance yet thin and light PC, offering high-speed 3rd generation SSD, 2nd generation Intel® Core™ i7 Processor, and full HD LCD for speed and power. Simply connect Power Media Dock™ for additional benefits of AMD Radeon™ HD 6650M with 1GB VRAM and Blu-ray Disc™ storage.

**MRP Rs 159,900 /-\***

(MRP inclusive of all taxes. Quoted MRP is for 1 unit of the product.)

**VPCSA35GG/T**



VAIO S Series is the perfectly balanced mobile PC. It's thin, light, and highly mobile, with long battery life that helps you go further and get more done. Every feature is designed for mobility. VAIO S Series is power in motion — see where it can take you.

**MRP Rs 79,990 /-\***

(MRP inclusive of all taxes. Quoted MRP is for 1 unit of the product.)

**VPCSB37GG/S**



VAIO S Series is the perfectly balanced mobile PC. It's thin, light, and highly mobile, with long battery life that helps you go further and get more done. Every feature is designed for mobility. VAIO S Series is power in motion — see where it can take you.

**MRP Rs 62,990 /-\***

(MRP inclusive of all taxes. Quoted MRP is for 1 unit of the product.)

**Specifications**

	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
<b>Operating System</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Operating System	Genuine Windows® 7 Professional with Service Pack 1 64-bit (English Version)	Genuine Windows® 7 Professional with Service Pack 1 64-bit (English Version)	Genuine Windows® 7 Professional with Service Pack 1 64-bit (English Version)
Language Pack	Hong Kong Chinese, Simplified Chinese, Arabic, Thai	Hong Kong Chinese, Simplified Chinese, Arabic, Thai	Hong Kong Chinese, Simplified Chinese, Arabic, Thai
Language Interface Pack	Vietnamese	Vietnamese	Vietnamese
<b>Architecture</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>

Processor Name	Intel® Core™ i7-2640M Processor 2.80 GHz with Turbo Boost up to 3.50 GHz*1	Intel® Core™ i7-2640M Processor 2.80 GHz with Turbo Boost up to 3.50 GHz*1	Intel® Core™ i5-2520M Processor 2.50 GHz with Turbo Boost up to 3.20 GHz*1
Chipset	Intel® HM67 Express Chipset	Intel® HM67 Express Chipset	Intel® HM65 Express Chipset
Cache Memory	4 MB (L3 Cache)	4 MB (L3 Cache)	3 MB (L3 Cache)
<b>Main Memory</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Pre-installed/Max	8 GB (4 GB (Custom Module) x 2) DDR3 SDRAM*2	6 GB (4 GB (On Board) + 2 GB (SO-DIMM) x 1) DDR3 SDRAM*2 (upgradeable up to 8 GB*3)	4 GB (4 GB (On Board)) DDR3 SDRAM*2 (upgradeable up to 8 GB*3)
SO-DIMM slots	Custom Slot (Unexchangable, Unused Memory slot 0)	DDR3 SO-DIMM slots (Unused Memory slot 0)	DDR3 SO-DIMM slots (Unused Memory slot 1)
Memory Speed	1333 MT/s	1333 MT/s	1333 MT/s
<b>Flash Memory</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Flash Memory	256 GB*3 (128 GB x 2(RAID 0)*4, Serial ATA)	-	-
<b>Graphics</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Graphics Accelerator	Intel® HD Graphics 3000	AMD Radeon™ HD 6630M (SPEED MODE) / Intel® HD Graphics 3000 (STAMINA MODE)	AMD Radeon™ HD 6470M (SPEED MODE) / Intel® HD Graphics 3000 (STAMINA MODE)
Dedicated Video Memory	-	1 GB DDR3 (SPEED MODE)	512 MB DDR3 (SPEED MODE)
<b>Display</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Type	13.1(33.27cms) wide (Full HD: 1920x1080) TFT colour display (VAIO Display Premium, LED backlight, Adobe RGB 96% coverage)	13.3 (33.78 cms) wide (WXGA++: 1600x900) TFT colour display (VAIO Display Plus, LED backlight)	13.3 (33.8 cms) wide (WXGA: 1366x768) TFT colour display (VAIO Display Plus, LED backlight)
<b>Interface</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
USB	Hi-Speed USB (USB 2.0) Type A Connector x 1*5	Hi-Speed USB (USB 2.0) Type A Connector x 2, SuperSpeed USB (USB 3.0) Type A Connector x 1	Hi-Speed USB (USB 2.0) Type A Connector x 2, SuperSpeed USB (USB 3.0) Type A Connector
Network (RJ-45)Connector	1000BASE-T/100BASE-TX/10BASE-T x 1	1000BASE-T/100BASE-TX/10BASE-T x 1	1000BASE-T/100BASE-TX/10BASE-T x 1
Display Output Connector	Analogue RGB, mini D-sub 15 pin x 1	Analogue RGB, mini D-sub 15 pin x 1	Analogue RGB, mini D-sub 15 pin x 1
Headphone	Stereo, Mini Jack x 1	Stereo, Mini Jack x 1	Stereo, Mini Jack x 1
<a href="#">HDMI</a> In/Out Connector	<a href="#">HDMI</a> Out x 1 (3D Supported)	<a href="#">HDMI</a> Out x 1	<a href="#">HDMI</a> Out x 1

Memory Stick Slot	"Memory Stick Duo"("Memory Stick PRO-HG" compatible, "MagicGate" ("MagicGate" is not supported for 256 <a href="#">MB</a> or less capacity media. ))*6	"Memory Stick Duo"("Memory Stick PRO-HG" compatible, "MagicGate" ("MagicGate" is not supported for 256 <a href="#">MB</a> or less capacity media. ))*5	"Memory Stick Duo"("Memory Stick PRO-HG" compatible, "MagicGate" ("MagicGate" is not supported for 256 <a href="#">MB</a> or less capacity media.
SD Memory Card Slot	SD memory card (SDHC, SDXC compatible, UHS (SDR50) supported , Copyright protection (CPRM))	SD memory card (SDHC, SDXC compatible, Copyright protection (CPRM))	SD memory card (SDHC, SDXC compatible, Copyright protection (CPRM))
DC IN	x 1	x 1	x 1
Extend Battery Connector	x 1	x 1	x 1
Others	Docking Station/USB port x 1 (This port supports USB 2.0/3.0 compatible devices)	Port Replicator connector x 1	Port Replicator connector x 1
Microphone	-	-	-
i.LINK(IEEE 1394)	-	-	-
eSATA/USB Port	-	-	-
PC Card Slot	-	-	-
Video In/Out Connector	-	-	-
<b>Wireless Connection</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Wireless LAN Type	IEEE 802.11a/b/g/n*7	IEEE 802.11a/b/g/n*6	IEEE 802.11a/b/g/n*6
Wireless LAN Data Rate	Maximum transmission speed: 300 Mbps*8, Maximum receipt speed: 300 Mbps*8	Maximum transmission speed: 300 Mbps*7, Maximum receipt speed: 300 Mbps*7	Maximum transmission speed: 300 Mbps*7, Maximum receipt speed: 300 Mbps*7
<a href="#">Bluetooth</a>	Bluetooth® standard Ver. 3.0 + HS	Bluetooth® standard Ver. 3.0 + HS	Bluetooth® standard Ver. 3.0 + HS
<b>Security/Utilities</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Fingerprint Sensor	Yes	Yes	Yes
Security Chip	TCG ver.1.2 certified	TCG ver.1.2 certified	-
<b>Camera</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Front Side Camera	HD web camera powered by "Exmor" (Resolution: 1280 x 1024, <a href="#">Effective Pixels</a> : 1.31Mega pixels)	HD web camera powered by "Exmor" (Resolution: 1280 x 1024, <a href="#">Effective Pixels</a> : 1.31Mega pixels)	web camera (Resolution: 640 x 480, <a href="#">Effective Pixels</a> : 0.3 Mega pixels)
<b>Audio</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Sound Chip			

	<a href="#">Intel® High Definition Audio</a>	<a href="#">Intel® High Definition Audio</a>	<a href="#">Intel® High Definition Audio</a>
Speaker	<b>Internal, Stereo speakers</b>	<b>Internal, Stereo speakers</b>	<b>Internal, Stereo speakers</b>
Microphone	Internal, Monaural microphone	Internal, Monaural microphone	Internal, Monaural microphone
Audio Technology	<b>Dolby® Home Theater® v4, Digital Noise Canceling</b>	<b>Dolby® Home Theater® v3</b>	<b>Dolby® Home Theater® v3</b>
<b>Keyboard/Input Device</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Keyboard	19.05 mm key pitch/1.0 mm keystroke, 83 keys, Backlit Keyboard	19.05 mm key pitch/2.0 mm keystroke, 82 keys, Backlit Keyboard	19.05 mm key pitch/2.0 mm keystroke, 82 keys Backlit Keyboard
Touchpad	Touchpad (Gesture supported)	Touchpad (Gesture supported)	Touchpad (Gesture supported)
Others	-	-	-
<b>Battery Life</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Bundled Battery	VGP-BPS27/X Lithium-ion battery: up to 6.5 hours of use*9	VGP-BPS24 Lithium-ion battery: up to 6 hours of use*8	VGP-BPS24 Lithium-ion battery: up to 6 hours use*8
Optional Battery	VGP-BPS27 Lithium-ion battery: up to 6.5 hours of use*9	VGP-BPS24 Lithium-ion battery: up to 6 hours of use*8	VGP-BPS24 Lithium-ion battery: up to 6 hours use*8
Optional Battery2	VGP-BPS27 + VGP-BPSC27 Lithium-ion battery: up to 13.0 hours of use*9	VGP-BPS24 + VGP-BPSC24 Lithium-ion battery: up to 12 hours of use*8	VGP-BPS24 + VGP-BPSC24 Lithium-ion batter to 12 hours of use*8
<b>Size</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Dimensions (WxHxD)	330 x 16.65-24.75 x 210 mm	331 x 23.3 x 224.5 mm	331 x 23.9 x 224.5 mm
Weight	1.175 kg (including the supplied battery)	1.68 kg (including the supplied battery)	1.72 kg (including the supplied battery)
<b>Included Software</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
AV Entertainment	Media Gallery, Windows® Media Center, PowerDVD BD, Quick Web Access, TriDef 3D Ignition, TriDef 3D Photo Viewer	Media Gallery*9, Windows® Media Center, Quick Web Access	Media Gallery*9, Windows® Media Center, Qui Web Access
Content Creation/Editing	PMB VAIO Edition, Adobe® Photoshop® Elements 9, Roxio Easy Media Creator	PMB VAIO Edition	PMB VAIO Edition

Word Processor / Spreadsheet	Microsoft® Office Starter 2010*10	Microsoft® Office Starter 2010*10	Microsoft® Office Starter 2010*10
Tool	Evernote for VAIO, Adobe® Reader® X	Evernote for VAIO, Adobe® Reader® X	Evernote for VAIO, Adobe® Reader® X
Utilities	VAIO Control Center, Battery Care Function, VAIO Gate, WebCam Companion, Magic-i™ Visual Effects, Infineon TPM Professional Package, Remote Keyboard*11, Remote Play with PlayStation®3*12	VAIO Control Center, Battery Care Function, VAIO Gate, WebCam Companion, Magic-i™ Visual Effects, Infineon TPM Professional Package, Remote Keyboard*11, Remote Play with PlayStation®3*12, Media Go	VAIO Control Center, Battery Care Function, V Gate, WebCam Companion, Magic-i™ Visual Effects, Remote Keyboard*11, Remote Play with PlayStation®3*12, Media Go, TrackID™*11
Utilities2	VAIO 3D Portal, Media Go, TrackID™*11	TrackID™*11	-
Security	Trend Micro™ Titanium™ Maximum Security 60days*13, TrueSuite®	Trend Micro™ Titanium™ Maximum Security 60days*13, TrueSuite®	Trend Micro™ Titanium™ Maximum Security 60days*13, TrueSuite®
Support	VAIO Care, VAIO Care Rescue, VAIO Update, VAIO Transfer Support, Norton™ Online Backup 60-day Free Trial*13	VAIO Care, VAIO Care Rescue, VAIO Update, VAIO Transfer Support, Norton™ Online Backup 60-day Free Trial*13	VAIO Care, VAIO Care Rescue, VAIO Update, V Transfer Support, Norton™ Online Backup 60-day Free Trial*13
Home Network	-	-	-
<b>Supplied Accessories</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
AC Adaptor	VGP-AC19V49*14 or VGP-AC19V46*15	VGP-AC19V32 or VGP-AC19V36 or VGP-AC19V42	VGP-AC19V32 or VGP-AC19V36 or VGP-AC19
Battery	VGP-BPS27/X*16	VGP-BPS24*14	VGP-BPS24*14
Port Replicator / Docking Station	VGP-PRZ20A*17	-	-
Others	Cleaning Cloth, Noise Cancelling Headphones (MDR-NC033L2/BM(SET)), Windows® 7 Professional Service Pack 1 32-bit Recovery Media	Cleaning Cloth, Windows® 7 Professional 32-bit Recovery Media	Windows® 7 Professional 32-bit Recovery Me
Keyboard	-	-	-
Mouse	-	-	-
<b>Bundled Port Replicator/Docking Station</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Product Name	VGP-PRZ20A*17	-	-
Type	Docking Station	-	-
<b>Optical Disc Drive (Bundled Port</b>			

<b>Replicator/Docking Station)</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Drive	Blu-ray Disc™ Drive with <a href="#">DVD</a> SuperMulti*18	-	-
Maximum Reading Speed	BD-ROM: 6x / BD-R: 6x(SL), 6x(DL) / BD-RE: 6x (SL), 6x(DL) / <a href="#">DVD+R</a> : 8x(SL), 6x(DL) / <a href="#">DVD-R</a> : 8x (SL), 6x(DL) / <a href="#">DVD+RW</a> : 8x / DVD-RW: 8x / <a href="#">DVD-ROM</a> : 8x / <a href="#">DVD-RAM</a> : 5x / CD-ROM: 24x / CD-R: 24x / CD-RW: 24x	-	-
Maximum Writing Speed	BD-R: 6x(SL), 6x(DL) / BD-RE: 2x(SL), 2x(DL) / <a href="#">DVD+R</a> : 8x(SL), 6x(DL) / <a href="#">DVD-R</a> : 8x(SL), 6x(DL) / <a href="#">DVD+RW</a> : 8x / DVD-RW: 6x / <a href="#">DVD-RAM</a> : 5x / CD-R: 24x / CD-RW: 10x	-	-
<b>Graphics (Bundled Port Replicator/Docking Station)</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Graphics Accelerator	AMD Radeon™ HD 6650M*18	-	-
Dedicated Video Memory	1 GB DDR3	-	-
<b>Interface (Bundled Port Replicator/Docking Station)</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
USB	Hi-Speed USB (USB 2.0) Type A Connector x 2, SuperSpeed USB (USB 3.0) x 1*18	-	-
Network (RJ-45)Connector	1000BASE-T/100BASE-TX/10BASE-T x 1*18	-	-
Display Output Connector	Analogue RGB, mini D-sub 15 pin x 1	-	-
<a href="#">HDMI</a> Out Connector	<a href="#">HDMI</a> Out x 1(3D Supported)	-	-
<b>Size (Bundled Port Replicator/Docking Station)</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Dimensions (WxHxD)	148.0 x 16.65 x 220.0 mm	-	-
Weight	0.685 kg	-	-

<b>Dedicated AC Adaptor (Bundled Port Replicator/Docking Station)</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
AC Adaptor	VGP-AC19V46*15	-	-
<b>Hard Disk Drive</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Hard Disk Drive	-	750 GB*4 (Serial ATA, 5400 rpm)	750 GB*4 (Serial ATA, 5400 rpm)
<b>Optical Disc Drive</b>	<b>VPCZ227GG/X</b>	<b>VPCSA35GG/T</b>	<b>VPCSB37GG/S</b>
Drive	-	<a href="#">DVD</a> SuperMulti Drive	<a href="#">DVD</a> SuperMulti Drive
Maximum Reading Speed	-	<a href="#">DVD+R</a> : 8x(SL), 8x(DL) / <a href="#">DVD-R</a> : 8x(SL), 8x(DL) / <a href="#">DVD+RW</a> : 8x / <a href="#">DVD-RW</a> : 8x / <a href="#">DVD-ROM</a> : 8x / <a href="#">DVD-RAM</a> : 5x / <a href="#">CD-ROM</a> : 24x / <a href="#">CD-R</a> : 24x / <a href="#">CD-RW</a> : 24x	<a href="#">DVD+R</a> : 8x(SL), 8x(DL) / <a href="#">DVD-R</a> : 8x(SL), 8x(DL) / <a href="#">DVD+RW</a> : 8x / <a href="#">DVD-RW</a> : 8x / <a href="#">DVD-ROM</a> : 8x / <a href="#">DVD-RAM</a> : 5x / <a href="#">CD-ROM</a> : 24x / <a href="#">CD-R</a> : 24x / <a href="#">CD-RW</a> : 24x
Maximum Writing Speed	-	<a href="#">DVD+R</a> : 8x(SL), 4x(DL) / <a href="#">DVD-R</a> : 8x(SL), 4x(DL) / <a href="#">DVD+RW</a> : 8x / <a href="#">DVD-RW</a> : 6x / <a href="#">DVD-RAM</a> : 5x / <a href="#">CD-R</a> : 24x / <a href="#">CD-RW</a> : 10x	<a href="#">DVD+R</a> : 8x(SL), 4x(DL) / <a href="#">DVD-R</a> : 8x(SL), 4x(DL) / <a href="#">DVD+RW</a> : 8x / <a href="#">DVD-RW</a> : 6x / <a href="#">DVD-RAM</a> : 5x / <a href="#">CD-R</a> : 24x / <a href="#">CD-RW</a> : 10x

\*Prices are subject to change without prior notice

\*Actual colour and dimension may differ from the screen image