

Lenovo V510 (15") Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i3 / i5 Processor								Dimensions Weight Case color Case material Media reader Ports Camera (<i>optional</i>) Audio support Keyboard Touchpad	WxDxH: 14.96" x 10.31" x 0.90"; 380mm x 262mm x 22.9mm 2 kg (4.41 lb) Black texture PC/ABS plastic 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0, two USB 2.0 (one Always On), VGA, HDMI, Ethernet (RJ-45), optional Lenovo OneLink+ dock connector 0.3MP or HD720p, fixed focus HD Audio, stereo speakers, 1.5W x 2 / optional monaural digital microphone, combo audio/microphone jack 6-row, multimedia Fn keys, numeric keypad 2-button touchpad, multi-touch														
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics																
	i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520																
	i5-6200U			2.3 GHz	2.8 GHz	3MB																		
	or 7th Generation Intel Core i3 / i5 / i7 Processor																							
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics																	
i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620																	
i5-7200U			2.5 GHz	3.1 GHz	3MB																			
i7-7500U			2.7 GHz	3.5 GHz	4MB																			
Graphics	Intel HD Graphics 520 or 620 in processor only, or Intel HD Graphics 520 or 620 in processor and AMD Radeon R5 M430, 2GB memory; supports three independent displays; Max resolution: 4096x2160@24Hz (HDMI); 1920x1200@60Hz (VGA)								Security	Power-on password, hard disk password, supervisor password, security keyhole														
Chipset	Intel SoC (System on Chip) platform 16GB max / 2133MHz DDR4, dual-channel capable, up to 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Security chip	Firmware TPM 2.0, integrated in chipset														
									Fingerprint reader	<i>Optional:</i> swipe style fingerprint reader on the palm rest														
Memory									Internal battery	Integrated Li-Ion 4-cell (32Wh or 41Wh)														
									External battery	<i>Optional:</i> Li-Polymer 2-cell (35Wh) in optical bay														
Display	<i>Some:</i> 15.6" (396mm) HD (1366x768), LED backlight, 220 nits, 16:9 aspect ratio <i>Some:</i> 15.6" (396mm) FHD (1920x1080), LED backlight, 250 nits, 16:9 aspect ratio, IPS								Max battery life (<i>MobileMark® 2014</i>)	<table><tr><td><i>Models</i></td><td><i>4-cell 32Wh</i></td><td><i>4-cell 41Wh</i></td><td><i>4-cell 32Wh + 2-cell 35Wh</i></td><td><i>4-cell 41Wh + 2-cell 35Wh</i></td></tr><tr><td><i>Max battery life</i></td><td>6 hr</td><td>8 hr</td><td>12 hr</td><td>14 hr</td></tr></table>					<i>Models</i>	<i>4-cell 32Wh</i>	<i>4-cell 41Wh</i>	<i>4-cell 32Wh + 2-cell 35Wh</i>	<i>4-cell 41Wh + 2-cell 35Wh</i>	<i>Max battery life</i>	6 hr	8 hr	12 hr	14 hr
									<i>Models</i>	<i>4-cell 32Wh</i>	<i>4-cell 41Wh</i>	<i>4-cell 32Wh + 2-cell 35Wh</i>	<i>4-cell 41Wh + 2-cell 35Wh</i>											
<i>Max battery life</i>	6 hr	8 hr	12 hr	14 hr																				
Multi-touch	None								AC adapter	45W or 65W AC adapter														
Storage	<i>Some:</i> M.2 SSD / SATA 6.0Gb/s <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high								Preload	<i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64														
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in processor									• Adobe® Reader® • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial)														
Optical (<i>optional</i>)	DVD burner, 9.0mm high, fixed, tray-in, swappable with optional external battery								• Lenovo Companion • Lenovo Setting • Microsoft Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial)															
Ethernet	Gigabit Ethernet connection								Limited warranty	1-year depot repair service														
WLAN	<i>11ac, 1x1 + BT4.1:</i> 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card <i>11ac, 2x2 + BT4.1:</i> 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card								Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant														
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter																							

Model	80WQ01SW++
Product	Lenovo V510-15IKB
Machine Type	80WQ
Region	EMEA
Processor	Core i3-6006U (2C, 2.0GHz, 3MB)
Graphics	AMD Radeon R5 M430 2GB
Memory	4GB Soldered + 4GB DIMM
Display	15.6" FHD (1920x1080) IPS
Multi-touch	None
Storage	256GB SSD M.2
Optical	DVD±RW
Ethernet	100/1000M
WLAN + Bluetooth	11ac, 1x1 + BT4.1
Dock	OneLink+ Dock Connector
Color	Black, Texture
Camera	720p
Microphone	Monaural
Keyboard	Non-backlit
Fingerprint Reader	Fingerprint Reader
Battery	4-cell (32Wh)
Power Adapter	65W
Operating System	Windows 10 Home 64
Warranty	1-year, Depot
Ann Date (mm/yy)	12/16







