

Lenovo V510 (15") Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i3 / i5 Processor								Dimensions	WxDxH: 14.96" x 10.31" x 0.90"; 380mm x 262mm x 22.9mm					
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	2 kg (4.41 lb)					
	i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520	Case color	Black texture					
	i5-6200U			2.3 GHz	2.8 GHz	3MB			Case material	PC/ABS plastic					
	or 7th Generation Intel Core i3 / i5 / i7 Processor								Media reader Ports	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					
Graphics	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Camera (optional)	0.3MP or HD720p, fixed focus					
	i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	Audio support	HD Audio, stereo speakers, 1.5W x 2 / optional monaural digital microphone, combo audio/microphone jack					
	i5-7200U			2.5 GHz	3.1 GHz	3MB			Keyboard	6-row, multimedia Fn keys, numeric keypad					
	i7-7500U			2.7 GHz	3.5 GHz	4MB									Touchpad
	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								Security chip	Firmware TPM 2.0, integrated in chipset					
Memory	16GB max / 2133MHz DDR4, dual-channel capable, up to 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Fingerprint reader	Optional: swipe style fingerprint reader on the palm rest					
Display	Some: 15.6" (396mm) HD (1366x768), LED backlight, 220 nits, 16:9 aspect ratio Some: 15.6" (396mm) FHD (1920x1080), LED backlight, 250 nits, 16:9 aspect ratio, IPS								Internal battery	Integrated Li-Ion 4-cell (32Wh or 41Wh)					
									External battery	Optional: Li-Polymer 2-cell (35Wh) in optical bay					
									Max battery life (MobileMark® 2014)	Models	4-cell 32Wh	4-cell 41Wh	4-cell 32Wh + 2-cell 35Wh	4-cell 41Wh + 2-cell 35Wh	
Multi-touch	None								AC adapter	45W or 65W AC adapter					
									Preload	Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64					Some: Windows 10 Home 64 Some: Windows 10 Pro 64
Storage	Some: M.2 SSD / SATA 6.0Gb/s Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high								• Adobe® Reader® • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial)						
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in processor														
Optical (optional)	DVD burner, 9.0mm high, fixed, tray-in, swappable with optional external battery														
Ethernet	Gigabit Ethernet connection								Limited warranty	1-year depot repair service					
WLAN	11ac, 1x1 + BT4.1: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card 11ac, 2x2 + BT4.1: 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	80WQ0002++
Product	Lenovo V510-15IKB
Machine Type	80WQ
Region	EMEA
Processor	Core i5-7200U (2C, 2.5 / 3.1GHz, 3MB)
Graphics	Integrated Intel HD Graphics 620
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	45W
Operating System	Windows 10 Pro 64
Warranty	1-year, Depot
Ann Date (mm/yy)	09/16







