

Lenovo V510z Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Pentium® or 6th Generation Intel Core™ i3 / i5 / i7 Processor						Manageability Security chip Security features Keyboard Mouse Mechanical	None None <ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks back cover) Smart USB protection, allows keyboard/mouse only, blocks all storage devices <ul style="list-style-type: none"> Power-on, admin, hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Some: Lenovo Slim USB Keyboard (USB connector), black Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black															
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics																	
	Celeron G3900T	2 / 2	2.6 G	2 MB	DDR4-2133	HD 510																	
	Celeron G3930T	2 / 2	2.7 G	2 MB	DDR4-2133	HD 610																	
	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510																	
	Pentium G4560T	2 / 4	2.9G	3 MB	DDR4-2400	HD 610																	
	Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530																	
	Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530																	
	Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530																	
	Core i3-7100T	2 / 4	3.4G	3 MB	DDR4-2400	HD 630																	
Core i5-7400T	4 / 4	2.4G / 3.0G	6 MB	DDR4-2400	HD 630																		
Core i7-7700T	4 / 8	2.9G / 3.8G	8 MB	DDR4-2400	HD 630																		
Memory	32GB max, DDR4-2400*, two 260-pin SO-DIMM sockets, dual-channel capable * System clocks down for the processors with lower memory controller						<table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>Without stand:</td> <td>20.7 X 1.9 X 13.3 (inch); 525.5 X 49.1 X 338.8 (mm)</td> <td>11.0 / 5.00</td> <td>N/A</td> </tr> <tr> <td>With Monitor stand:</td> <td>20.7 X 9.0 X 16.7 (inch); 525.5 X 227.9 X 423.3 (mm)</td> <td>14.1 / 6.39</td> <td>Tilt: 24° back, -5° forward Swivel: +/-45°</td> </tr> <tr> <td>With UltraFlex II stand:</td> <td>20.7 X 9.4 X 16.2 (inch); 525.5 X 238.6 X 410.4 (mm)</td> <td>16.7 / 7.58</td> <td>Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°</td> </tr> </tbody> </table>		Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	Without stand:	20.7 X 1.9 X 13.3 (inch); 525.5 X 49.1 X 338.8 (mm)	11.0 / 5.00	N/A	With Monitor stand:	20.7 X 9.0 X 16.7 (inch); 525.5 X 227.9 X 423.3 (mm)	14.1 / 6.39	Tilt: 24° back, -5° forward Swivel: +/-45°	With UltraFlex II stand:	20.7 X 9.4 X 16.2 (inch); 525.5 X 238.6 X 410.4 (mm)	16.7 / 7.58	Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°
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Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: M.2 Solid State Drive (SSD) / PCIe interface, NVMe																						
Optical Media reader	Some: DVD burner, SATA 1.5Gb/s, 9.5mm high 6-in-1 media card reader																						
Graphics	Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, and optional NVIDIA GeForce® 940MX, 2GB memory, DirectX 12, external monitor support via HDMI out; Max resolution: 1920x1080 (HDMI)@60Hz 23" (584.2mm) Full HD 1080p (1920x1080), Wide Viewing Angle (horizontal: +/- 89°; vertical: +/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, borderless design, work as standalone monitor via HDMI in																						
Display	Optional multi-touch (10-point), Advanced In-Cell Touch (AIT) technology Some: 720p camera, with dual digital microphone, LED indicator, with privacy camera cover Some: 1080p IR camera, with dual digital microphone, LED indicator																						
Multi-touch Camera	Power on/off button on right side																						
Controls	Power on/off button on right side																						
Chipset	Intel H110 Chipset																						
Rear ports Side ports M.2 card slot	Three USB 2.0, ethernet (RJ-45), HDMI in port, HDMI out port Two USB 3.0, optional card reader, headphone / microphone combo jack (3.5mm) Two M.2 Card slots (one for WLAN, one for M.2 SSD)																						
Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal speakers (3W x 2)																						
WLAN ¹³	Some: 11ac wireless, M.2 Card, Realtek RTL8821AE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2																						
Bluetooth™ Ethernet	Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®																						
Power supply	Some: 90 watts external adapter, autosensing, 88% PSU (for integrated models) Some: 120 watts external adapter, autosensing, 89% PSU (for discrete models)																						
Limited warranty ³	Some: 1-year or 3-year, depot repair service Some: 1-year or 3-year, limited onsite service For Lenovo service upgrade options, please go to S-TC sheet																						
Preload	Preloaded operating system Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit (not available with 7th Gen Intel processor) Preloaded applications (only some listed) <ul style="list-style-type: none"> Lenovo Rescue System Driver and Application Installation Lenovo Solution Center McAfee® LiveSafe™ (30-day trial) Microsoft® Office preloaded; purchase a product key to activate Lenovo Companion 																						
Environment	ENERGY STAR® 6.1 (Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant																						
Accessories	For compatible accessories, please go to http://www.lenovoquickpick.com/																						

See footnotes for more detailed information

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