

Lenovo V310z Platform Specifications

Processor	Intel® Celeron®, Intel Pentium®, or 6th / 7th Gen Intel Core™ i3 / i5 / i7 Processor						Manageability Security chip Security features Keyboard Mouse Mechanical	None TPM (Trusted Platform Module) 2.0, TCG Certified * Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS <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 Rear I/O security cover Power-on, admin, hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement 											
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics													
	Celeron G3900	2 / 2	2.8G	2 MB	DDR4-2133	HD 510													
	Celeron G3930	2 / 2	2.9G	2 MB	DDR4-2133	HD 610													
	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510													
	Pentium G4560	2 / 4	3.5G	3 MB	DDR4-2400	HD 610													
	Core i3-6100	2 / 4	3.7G	3 MB	DDR4-2133	HD 530													
	Core i5-6400	4 / 4	2.7G / 3.3G	6 MB	DDR4-2133	HD 530													
	Core i7-6700	4 / 8	3.4G / 4.0G	8 MB	DDR4-2133	HD 530													
	Core i3-7100	2 / 4	3.9G	3 MB	DDR4-2400	HD 630													
Core i5-7400	4 / 4	3.0G / 3.5G	6 MB	DDR4-2400	HD 630														
Core i7-7700	4 / 8	3.6G / 4.2G	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>19.4 X 2.3 X 15.9 (inch); 494 X 59 X 341 (mm)</td> <td>12.0 / 5.44</td> <td>N/A</td> </tr> <tr> <td>With Monitor stand:</td> <td>19.4 X 8.9 X 13.4 (inch); 494 X 227 X 404 (mm)</td> <td>15.1 / 6.87</td> <td>Tilt: 24° back, -5° forward Swivel: +/-45°</td> </tr> </tbody> </table>		Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	Without stand:	19.4 X 2.3 X 15.9 (inch); 494 X 59 X 341 (mm)	12.0 / 5.44	N/A	With Monitor stand:	19.4 X 8.9 X 13.4 (inch); 494 X 227 X 404 (mm)	15.1 / 6.87	Tilt: 24° back, -5° forward Swivel: +/-45°
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Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s																		
Optical Media reader	<i>Some:</i> DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm) 6-in-1 media card reader																		
Graphics	Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, external monitor support via HDMI out; <i>Max resolution:</i> 1920x1080 (HDMI)@60Hz																		
Display	19.5" (495.3mm) HD+ (1600x900) , viewing angle (horizontal: 170°; vertical: 160°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare																		
Multi-touch	None																		
Camera	<i>Some:</i> 720p camera, with dual digital microphone, LED indicator, with privacy camera cover																		
Controls	Physical buttons for brightness up/down and power on/off on right side																		
Chipset	Intel H110 Chipset																		
Rear ports	Two USB 3.0, two USB 2.0, one ethernet (RJ-45), one HDMI out port, one optional serial (9-pin), one optional parallel (25-pin)																		
Side ports	Two USB 3.0, optional card reader, headphone / microphone combo jack (3.5mm)																		
M.2 card slot	Two M.2 Card slots (one for WLAN, one for M.2 SSD)																		
Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal speakers (2W x 2)																		
WLAN ¹³	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2																		
Bluetooth™	<i>Some:</i> Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter																		
Ethernet	Gigabit ethernet, Realtek RTL8111G, Wake on LAN®																		
Power supply	120 watts external adapter, autosensing, 89% PSU																		
Limited warranty ³	<i>Some:</i> 1-year or 3-year, depot repair service <i>Some:</i> 1-year or 3-year, limited onsite service																		
Preload	Preloaded operating system <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit <i>Some:</i> 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"> Microsoft Office preloaded; purchase a product key to activate Lenovo User Guide Only for Window 10 Lenovo Companion Lenovo ID Only for Window 7 Lenovo Solution Center McAfee® LiveSafe™ (30-day trial) Adobe® Reader® 																		
Environment	EPEAT™ Gold rating (North America); ENERGY STAR® 6.1; ErP Lot 3; GREENGUARD® certified; TCO certified; RoHS-compliant																		
Accessories	For compatible accessories, please go to http://www.lenovoquickpick.com/																		

See footnotes for more detailed information