

Lenovo Legion Y520 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i3 / i5 / i7 Processors						WLAN (optional) 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1 Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Ethernet One gigabit ethernet port, Realtek Dragon LAN 8118AS VR ready Oculus® certified
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics	
	Core i3-7100	2 / 4	3.9 GHz	3 MB	DDR4-2400	Intel HD Graphics 630	
	Core i5-7400	4 / 4	3.0 GHz / 3.5 GHz	6 MB			
Core i7-7700	4 / 8	3.6 GHz / 4.2 GHz	8 MB				
Memory	16GB max, 2400MHz DDR4, two UDIMM sockets						Keyboard Lenovo® Caliope Keyboard (USB connector), black Mouse Lenovo Caliope Mouse (USB connector), black
Disk	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2 Some: Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2						
Optical (optional)	DVD±RW, SATA 1.5Gb/s, 5.25"						Mechanical <ul style="list-style-type: none"> • Tower (25L), black color • Dimensions (WxDxH): 7.16" x 18.42" x 15.84"; 182mm x 467.8mm x 402.4mm • Weights (net weight): 19.2 lb (8.71 kg) • Optional front fan with circle LED Bay 1: 5.25", access, optional optical Bay 2: 3.5", no access, disk Bay 3: 3.5", no access, disk Slot 1: full-length, full-height, PCIe x16, for discrete graphics
Onboard SATA	SATA 6.0Gb/s controller, two SATA 6.0Gb/s connectors						
Media reader	None						
Graphics	Intel HD Graphics 630 in processor, uses main memory, DirectX® 12, supports independent displays; Some: NVIDIA® GeForce® GTX 1060, 3GB or 6GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3 Some: NVIDIA GeForce GTX 1050Ti, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX12, DVI x1, HDMI x1, DP x1 Some: AMD Radeon RX 560, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x1						Power supply <ul style="list-style-type: none"> Some: 280 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-240V) Some: 400 watts, autosensing, universal (110V-240V) Some: 450 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-240V)
Chipset	Intel B250 Chipset						
Front ports*	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)						Limited warranty 1-year, limited Mail-in service
Rear ports*	Two USB 2.0, two USB 3.0, ethernet (RJ-45), power connector, one HDMI (2.0a) additional DP, DVI, or HDMI on optional graphic card on some models *Onboard HDMI is unavailable on discrete models						
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)						
IEEE 1394	None						Preload <ul style="list-style-type: none"> Preloaded operating system Windows® 10 Home 64 Preloaded applications (only some listed) <ul style="list-style-type: none"> • Lenovo Nerve Center • Lenovo Rescue System • Lenovo Companion • PowerDVD • McAfee® Antivirus
Audio support	High Definition (HD) Audio, Realtek® ALC662VD						
							Environment ENERGY STAR® 6.1 (Need 85% PSU); RoHS-compliant