

Lenovo Legion Y520 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i3 / i5 / i7 Processors						WLAN (optional) Bluetooth™ Ethernet VR ready	11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1 Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, Realtek Dragon LAN 8118AS 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							
Disk	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm							
	Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2							
Optical (optional)	Some: Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2 DVD±RW, SATA 1.5Gb/s, 5.25"							
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							
Chipset	Intel B250 Chipset							
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)							
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							
Audio support	High Definition (HD) Audio, Realtek® ALC662VD							
Security features								● Power-on password ● Hard-disk passowrd ● Administrator password
Keyboard								Lenovo® Caliope Keyboard (USB connector), black
Mouse								Lenovo Caliope Mouse (USB connector), black
Mechanical								● 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
Power supply								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)
Limited warranty								1-year, limited Mail-in service
Preload								Preloaded operating system Windows® 10 Home 64 Preloaded applications (only some listed) ● Lenovo Nerve Center ● Lenovo Rescue System ● Lenovo Companion ● PowerDVD ● McAfee® Antivirus
Environment								ENERGY STAR® 6.1 (Need 85% PSU); RoHS-compliant