

Lenovo Legion Y520 Tower Platform Specifications

Product Specifications Reference (PSREF)

| | | | | | | | | |
|---|--|-------------------|----------------------|-------|--------------|-----------------------|---|---|
| Processor | 7th Generation Intel® Core™ i3 / i5 / i7 Processors | | | | | | WLAN (optional) Bluetooth™ Ethernet | 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 |
| | Processor | Cores / Threads | Frequency (Base/Max) | Cache | Memory Types | 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 offering (support 32GB max), 2400MHz DDR4, two UDIMM sockets | | | | | | | |
| Disk | <i>Some:</i> SATA 6.0Gb/s, 3.5" wide, 7200 rpm <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2 <i>Some:</i> Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2 | | | | | | | |
| Optical (optional) | 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 <i>Some:</i> NVIDIA® GeForce® GTX 1060, 3GB or 6GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3 <i>Some:</i> NVIDIA GeForce GTX 1050Ti, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX12, DVI x1, HDMI x1, DP x1 <i>Some:</i> AMD Radeon RX 560, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x1 | | | | | | | |
| VR ready | Oculus® certified (only GTX 1050Ti) | | | | | | | |
| 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 | | | | | | | | |
| <ul style="list-style-type: none">● Power-on password● Hard-disk passowrd● Administrator password | | | | | | | | |
| Keyboard (opt) | Lenovo® Calioppe Keyboard (USB connector), black | | | | | | | |
| Mouse (opt) | Lenovo Calioppe Mouse (USB connector), black | | | | | | | |
| 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 LED or 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 M.2 card slots: two (one for WLAN, one for SSD) | | | | | | | |
| Power supply | <i>Some:</i> 280 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-240V) <i>Some:</i> 450 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-240V) | | | | | | | |
| Limited warranty | <i>Some:</i> 1-year, limited Mail-in service <i>Some:</i> 1-year or 2-year, depot service | | | | | | | |
| Preload | Preloaded operating system <i>Some:</i> Windows® 10 Home 64 <i>Some:</i> No operating system Preloaded applications (only some listed) <ul style="list-style-type: none">● Lenovo Nerve Center● Lenovo Rescue System● Lenovo Companion● PowerDVD● McAfee® Antivirus | | | | | | | |
| Environment | ENERGY STAR® 6.1 (Need 85% PSU); RoHS-compliant | | | | | | | |