

LENOVO™ LEGION Y520 LAPTOP

ON THE GO GAMING

Lenovo™



Enter the arena with this slim, lightweight, portable gaming PC, that easily plays your games. Powered by 7th Gen Intel® Core™ processors and NVIDIA® GTX 1050 discrete graphics, and featuring premium audio and optional hybrid storage for added speed, it's ready for action. An optional backlit keyboard lets you play day or night, while its optimized thermal engineering keeps it cool for as long as you want to play—which will probably be a while.

GAMING PERFORMANCE



Up to 7th Gen Intel® Core™ i7-7700HQ



Up to NVIDIA® GTX-1050Ti



Up to 512GB PCIe SSD or 2TB SATA HDD

CUSTOM-TUNED AUDIO



Harman Audio with Dolby® Premium

LENOVO NERVE SENSE



Control cooling, network priority, active keys and audio

ILLUMINATED GAMING CONTROL



Optional Red Backlit Keyboard

ON THE GO DESIGN



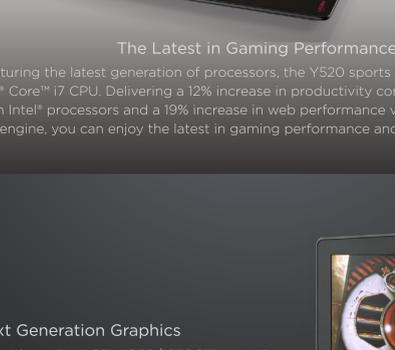
Durable Design



Thermal Engineering

GAMING PERFORMANCE

Anchor your strategy in power and speed, readily available in the Y520 via its leading-edge processor, fantastic discrete graphics capability, and great storage and memory.



The Latest in Gaming Performance

Featuring the latest generation of processors, the Y520 sports up to a 7th generation Intel® Core™ i7 CPU. Delivering a 12% increase in productivity compared to previous 6th Gen Intel® processors and a 19% increase in web performance via a dedicated engine, you can enjoy the latest in gaming performance and online gameplay.

Next Generation Graphics

The Y520 comes with NVIDIA® GTX 1050/1050Ti or AMD RX-560M graphics which allow you to play games smoothly and with capable frame rates. So escort the payload in a first person shooter knowing this gaming laptop delivers all the performance you need.



HDD

PCIe SSD

Superfast Speed and Storage

The Y520 comes with up to 512GB of PCIe SSD storage for reducing boot up time and in-game loading or 2TB of HDD storage perfect for storing your entire gaming collection. The Y520 additionally offers optional hybrid storage, effectively giving you the best of both worlds.



CUSTOM-TUNED AUDIO

Hear your enemies coming. Experience the sounds of the race. Listen like you're really there.

Harman Audio With Dolby® Premium

With or without gaming headphones, the Y520 has you covered with 2 x 2W Harman speakers with Dolby® Audio Premium. Dolby® Audio Premium is custom-tuned to deliver premium-quality audio for all content, for truly immersive gameplay.

ILLUMINATED GAMING CONTROL

See your controls and play late into the night as you bask in the glow of the optional backlit keyboard.



Optional Red Backlit Keyboard

The Y520 features an optional red backlit keyboard, that is perfect for those late-night gaming sessions. This brilliantly crimson backlit keyboard features keys with 1.7 mm of key travel distance, delivering crisp, accurate and responsive keystrokes perfect for in-game chatting and gameplay.

ON THE GO DESIGN

The Y520 was designed for comfort and convenience, letting you focus on victory instead of on your laptop.

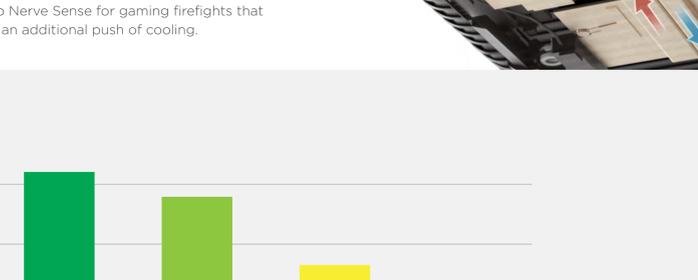
Portable Design

At a mere 25.88 mm / 1.02" thin and only 2.4 kg / 5.29 lbs light, wrapped in a smudge resistant body, this gaming laptop goes wherever you do. So just toss the Y520 in your bag and enjoy powerful mobile gaming no matter where you go.

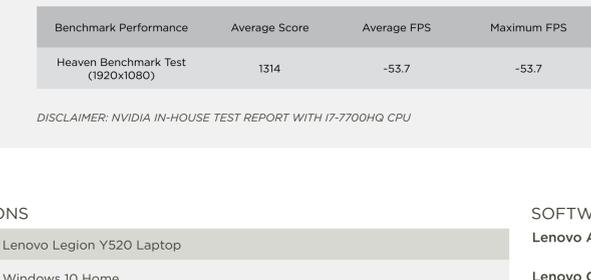


Thermal Engineering

The Y520 was designed to fight heat with strategically engineered fans and vents. Located close to the graphics card and processors, this fan system keeps hot air moving while rear-placed thermal vents remove that heat. Furthermore, you can use the Extreme Cooling shortcut within the Lenovo Nerve Sense for gaming firefights that require an additional push of cooling.



READ SPEED



SOURCE: INTERNAL LAB TESTING BASELINE: TYPICAL 2.5" 5400RPM SATA HDD WITH AVERAGE SEQUENTIAL READ SPEED OF 100MB/S

Benchmark Performance	Average Score	Average FPS	Maximum FPS
Heaven Benchmark Test (1920x1080)	1314	-53.7	-53.7

DISCLAIMER: NVIDIA IN-HOUSE TEST REPORT WITH I7-7700HQ CPU

SPECIFICATIONS

Lenovo Legion Y520 Laptop	
OS	Windows 10 Home
CPU	7th Gen Intel® Core™ i5-7300HQ 7th Gen Intel® Core™ i7-7700HQ
Display	Up to 15.6" 16:9 FHD (1920 x 1080) IPS Anti-glare
Storage	128GB/256GB/512GB PCIe SSD or 500GB/1TB/2TB SATA HDD
Memory	Up to 16GB DDR4; SODIMM x 2
Audio	2 x 2.0W Harman Certified speakers
Graphics	GTX-1050 / GTX-1050Ti / AMD RX-560M 2/4G DDR5
Battery	Up to 4 hour 3 Cell, 45Wh Li-Polymer battery
Ports	2 x USB 3.0; 1 x USB 2.0; 1 x HDMI; 1 x USB Type C (USB 3.1); Audio jack; Microphone jack; RJ45 LAN; 4-in-1 card reader (SD, SDHC, SDXC, MMC)
Connectivity	1 x 1 or 2 x 2 AC + Bluetooth® 4.1 Combo 10/100/1000M Gigabit Ethernet
Dimensions	380 mm x 265 mm x 25.8 mm / 14.96" x 10.43" x 1.02"
Weight	2.4 kg / 5.29 lbs

SOFTWARE

- Lenovo App Explorer
- Lenovo Companion
- Lenovo ID
- Lenovo Nerve Sense
- Lenovo Setting
- Microsoft Office 2016
- One Key Recovery
- User Guide

ACCESSORIES

SURROUND SOUND HEADSET
Immerse yourself in your game with the Y Gaming Surround Sound Headset, with 71 Surround Sound and 40 mm neodymium audio drivers, for a 360-degree sound environment. Padded swivel ear cups and detachable noise-cancelling microphone give you comfort for hours of gaming, as well as in-game chat and VoIP calls.

PRECISION MOUSE
Get pinpoint speed, dedicated accuracy and unprecedented personalization levels with the Y Gaming Precision Mouse, with up to 8200 customizable DPI settings and 1000Hz polling capability. Nine programmable buttons and four removable weight cartridges let you customize and choose the perfect fit and feel.

ARMORED BACKPACK
The Y Gaming Armored Backpack is light and comfortable, and has three separate compartments for up to a 17" laptop, gaming peripherals, and your personal belongings—all kept safe behind its hard shell. Protect your investment while you take it anywhere.

