

# A BUSINESS LAPTOP THAT'S A CUT ABOVE THE REST

Lenovo

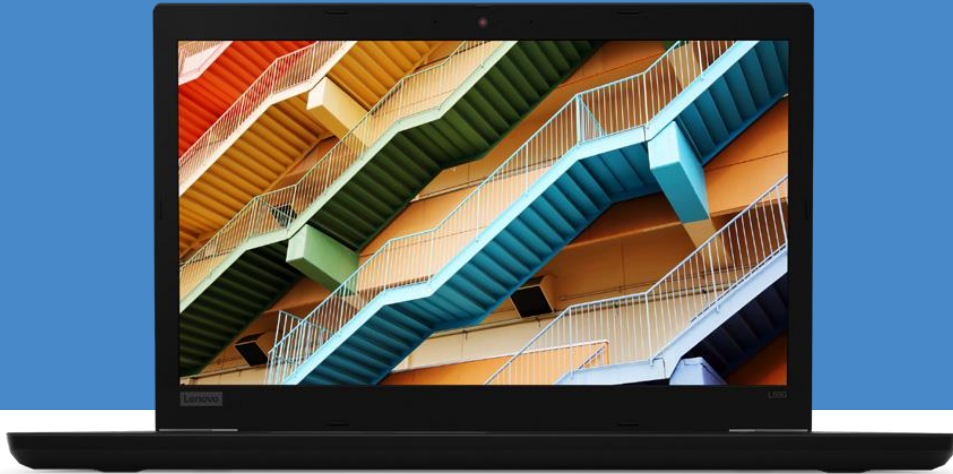
Powered by the latest-generation Intel® processors and discrete AMD graphics, the ThinkPad L590 is crafted to match the needs of today's workforce. Packed with productivity-enhancing features including full-HD IPS display, DDR4 memory, PCIe SSD storage, and advanced connectivity options, the L590 makes multitasking a breeze.

A 12-hour<sup>1</sup> battery life supported by RapidCharge technology keeps you ready for any task that comes your way. Equipped with innovative features and robust security solutions, the ThinkPad L590 is a smart business investment.

ThinkPad® L590



<sup>1</sup>Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors.



## ThinkPad® L590

### IT Decision Maker Benefits



**Powerful Processing:** The ThinkPad L590 encases a powerful core with up to 8<sup>th</sup> Generation Intel® Core™ vPro™ i7 Processors and discrete AMD Radeon™ 535 graphics card, enabling faster processing of heavier applications without any lag.



**Super-Fast Storage and Memory:** Built to handle intense business tasks, the ThinkPad L590 is backed by 64GB DDR4 memory with dual DIMM channels. Paired with up to 2TB HDD and up to 1TB PCIe SSD, the L590 offers expansive and blazing-fast storage capabilities for heavy-duty computing.



**Advanced Connectivity:** Experience faster data transfers with USB Type-C Gen2 and Gen1 ports that also support mechanical side docking solutions for extended connectivity and seamless multitasking. The latest WiFi 6 AX WLAN support on vPro™ increases network capacity and enables consistent connectivity and faster data transfers, uploads, and downloads—enhancing your computing experience.



**Steadfast Security:** Safeguard your business data with a discrete TPM 2.0 chip that encrypts sensitive information, a Touch Fingerprint Reader, and an IR camera with Windows Hello for secure login. The ThinkShutter camera cover encases the innovative hybrid HD and IR camera lens allowing you to flick the camera shut when not in use, adding to user privacy.

#### Efficiency

With the power and responsiveness of the Intel® Core™ vPro™ i7 Processors, DDR4 memory, and PCIe SSD storage, users can achieve more in less time, improving workplace efficiency.

#### Durability

The MIL-SPEC-tested ThinkPad L590 is ready for anything thrown its way, quite literally. This heavy-duty business laptop is ready to take everyday bumps and knocks and works even in extreme work environments.

#### Reliability

Impressive battery life of up to 12 hours<sup>1</sup> allows users to stay unplugged and work uninterrupted. Additionally, the RapidCharge technology charges the battery to up to 80% in an hour<sup>2</sup> letting users stay productive, anytime, anywhere.

<sup>1</sup>Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors.  
<sup>2</sup>Requires 65W AC Adapter

## Optional Accessories



### Lenovo Essential Wireless Keyboard and Mouse Combo

(PN: 4X30M39458)

This wireless keyboard-and-mouse combo easily connects to your PC using a USB receiver. A resilient, waterproof membrane handles accidental spills without risking performance, while quiet keys and an ergonomic full-size mouse offer all-day comfort.

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### ThinkPad USB-C Dock

(PN: 40A90090US)

This universal docking solution ensures a high-performance workstation experience. Meet all your productivity needs, including video, data, and wired network, all while delivering continuous power to your laptop via a robust USB type-C port.



### ThinkPad Professional 15.6" Backpack

(PN: 4X40Q26383)

Modern, durable, and stylish, this backpack with its distinctive checkpoint-friendly features, hidden pocket, and an additional tablet storage area is perfect for users on the move. Padded shoulder straps and unique sling design add comfort and protection.



# ThinkPad L590

## PERFORMANCE

### Processor

Up to 8<sup>th</sup> Generation Intel® Core™ vPro™ i7 Processors

### Operating System

Up to Windows 10 Pro 64-bit

### Graphics

Integrated Intel® UHD Graphics 620  
Discrete AMD Radeon™ 535

### Camera

HD + IR Camera with ThinkShutter  
HD Camera

### Memory

Up to 64GB DDR4 2 DIMM (2400MHz)

### Storage

Up to 1TB PCIe SSD  
Up to 2TB HDD

### Battery

Up to 12 hours<sup>1</sup>, 45Whr battery

### AC Adapter

Up to 65W Type-C (supports RapidCharge)

### Audio

Dolby® Advanced Audio™  
Dual array far-field microphones

## SECURITY

Match on Host Touch Fingerprint Reader  
IR Camera with Windows Hello  
dTPM 2.0 chip  
ThinkShutter camera cover  
Kensington™ lock slot

## CONNECTIVITY

### Input/Output Ports

2 x USB 3.1 Gen1  
1 x USB Type-C 3.1 Gen1  
1 x USB Type-C Gen2  
1 x HDMI 1.4  
1 x RJ45  
1 x MicroSD Card Reader  
1 x Audio Jack

### WiFi

Intel® 9260 2 x 2 AC  
Intel® Wi-Fi 6 AX200 2 x 2 AX  
Bluetooth® 5.0

### WWAN

Global LTE CAT9<sup>2</sup>  
EU CAT6<sup>2</sup>

### NFC

Yes<sup>2</sup>

### Docking

Thunderbolt™ 3  
USB Type-C dock  
USB 3.0 dock  
Side mechanical dock

## DESIGN

### Display

15" HD TN (220nit)  
15" FHD IPS (250nit)

### Dimensions (W x D x H)

376.50 x 254.50 x 22.95mm  
14.82 x 10.01 x 0.90 inches

### Weight

Starting at 2.03kg/4.47lbs.

### Keyboard

Standard backlight<sup>2</sup> with white LEDs

### Color

Black

## RECOMMENDED SERVICES

Lenovo offers a comprehensive portfolio of services to support and protect your ThinkPad investment—so you can focus on your work, not your IT.

### Premier Support

Provides direct access to skilled and experienced Lenovo technicians offering comprehensive hardware and software support. Gives you a consistent point of contact within Lenovo to ensure that your case resolution is professionally managed from start to finish.

### Accidental Damage Protection (ADP)

Prevents the hassles of unexpected repair costs. Provides coverage for non-warranted damage incurred under normal operating conditions, such as minor spills, drops, or damage to the integrated screen.

### Warranty Extension (1-year base, up to 3 years total)

This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your valuable investment, and lower your cost of ownership over time.

<sup>1</sup>Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors.

<sup>2</sup>Optional

Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: - 5 Gbit/s for USB 3.1 Gen1; 10 Gbit/s for USB 3.1 Gen2 & 20 Gbit/s for USB 3.2.

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