

# THE QUINTESSENTIAL BUSINESS MACHINE

Lenovo

The ThinkPad T590 is a complete computing device for today's versatile professionals who multitask and work on the go. This device is equipped with the latest Intel® Core™ vPro™ processors and discrete graphics to help you power through intensive tasks with ease.

This ultra-portable laptop comes with up to 15 hours\* of battery life, enough to last an entire workday. The versatile ports enable you to easily connect to peripherals for effortless multitasking. The ThinkShield suite of security features on the ThinkPad T590 ensure that your confidential data and privacy remain uncompromised.

**ThinkPad**® T590



\*Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors.



## ThinkPad T590



**Superior Performance:** up to Intel® Core™ vPro™ i7 processors, discrete NVIDIA® graphics, and DDR4 memory coupled with PCIe SSD storage accelerate device performance and responsiveness for heavy-duty computing.



**Exceptional Audio-Visual Experience:** the 500nit UHD IPS HDR display with Dolby® Vision™ and Dolby® Audio™ Premium with upward-firing speakers make content creation and consumption immersive. The dual array far-field noise-canceling microphones are perfect for VoIP calls and online meetings.



**Robust Security:** the ThinkShield suite of security solutions offers comprehensive end-to-end security. Some of its features include the dTPM 2.0 chip and Touch Fingerprint Reader. It also includes ThinkShutter camera cover for the innovative hybrid HD and IR\* camera lens.



**Unparalleled Connectivity:** an array of ports such as Thunderbolt™, USB 3.1 Gen1, USB Type-C, and HDMI 1.4 allow you to connect to external peripherals, transfer data at high speeds, and charge USB devices to execute daily tasks efficiently.

## ITDM Benefits

### Security

The ThinkShield suite of solutions ensures 360° device security from manufacturing through its entire lifecycle.

### Efficiency

The RapidCharge technology powers up the device from 0% to 80% in just 60 minutes for uninterrupted flow of work. Also, the ThinkPad T590 supports multiple docking solutions that increase work efficiency and productivity.

### Portability

11% lighter than its predecessor, the sleek ThinkPad T590 weighs only 1.75kg/3.87lbs. and is 19.1mm thin, offering optimum portability.

\*Optional

# Accessories



## ThinkPad Thunderbolt™ 3 Dock Gen 2

(PN: 40AC0135US)

The ThinkPad Thunderbolt™ 3 Dock is a versatile docking solution powered by Intel® Thunderbolt™ 3 technology. It delivers 4K video performance with lightning-fast data transfer. You can easily charge your mobile device with the always-power-on USB 3.0 port and enjoy up to 40Gbps data transfer speeds.



## ThinkPad Professional 15.6" Backpack

(PN: 4X40Q26383)

The Lenovo ThinkPad Professional Backpack is a streamlined yet versatile backpack for the on-the-go professional. This clean, modern design carries, protects, and organizes your mobile office, while premium, lightweight materials withstand everyday wear and tear.



## MicroSaver 2.0 Cable Lock by Lenovo

(PN: 4XE0N80914)

The MicroSaver 2.0 Cable Lock from Lenovo is engineered to be the smallest, strongest lock for laptops and other devices. It was developed using strict specifications, patented technologies, and rigorous testing against tough environmental conditions, and can stand the test of time in a smaller, compact size without compromise.

# ThinkPad T590

## 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 NVIDIA® GeForce® MX250

### Camera

HD + optional IR camera with ThinkShutter

### Memory

8GB or 16GB soldered + 1 open DIMM

### Storage

SSD only up to 1TB PCIe

### Battery

Up to 15 hours\*, 57Whr battery

### AC Adapter

Up to 65W Type-C (supports RapidCharge)

### Audio

Dolby® Audio™ Premium with upward-firing speakers  
Dual array far-field microphones

## SECURITY

Match on Chip 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  
1 x HDMI 1.4  
1 x Thunderbolt™ 3  
1 x MicroSD Card Reader  
1 x Audio Jack

### WiFi

Intel® Dual Band 802.11 AC  
Bluetooth® 5.0

### WWAN

L850 CAT 9 LTE  
L830 CAT 6 LTE

### NFC

Yes

### Docking

Thunderbolt™ 3 dock  
Side Mechanical dock  
USB 3.0 dock

## DESIGN

### Display

15" FHD IPS (250nit)  
15" FHD IPS LW Touch (250nit)  
15" UHD IPS HDR with Dolby® Vision™ (500nit)

### Dimensions (W x D x H)

365.8 x 248 x 19.1mm  
14.40 x 9.76 x 0.78 inches

### Weight

Starting at 1.75kg/3.87lbs.

### Keyboard

Top load backlight with white LEDs

### Colors

Black

## RECOMMENDED SERVICES

### Premier Support

Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems.<sup>1,2</sup>

### Warranty Upgrades

maximizes PC uptime and productivity by providing convenient, fast repair service at customer's place.<sup>1</sup>

### Warranty Extensions

extend the term of the base warranty at the same service level, offering longer protection against unexpected repair or replacement costs.<sup>1</sup>

### Accidental Damage Protection

service supports customers beyond our normal system warranty (which addresses mechanical, defects, and failures) by providing coverage for damage due to electrical surge, liquid spills, drops or bumps, and LCD damage.<sup>1,2</sup>

### Keep Your Drive

retain your drive if it should happen to fail, giving you the peace of mind of knowing that your valuable data is secure.<sup>1,2</sup>

1 Up to 5 years total duration

2 May not be available in all regions



\*Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors.  
\*\*Optional

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