

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: 4XEON80914)

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 8th 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

Up to 48GB DDR4 (2400MHz)

Storage

Up to 1TB PCIe SSD

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® 4.2

WWAN

LTE CAT9
EU CAT6

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 19.95mm
14.40 x 9.76 x 0.79 inches

Weight

Starting at 1.75kg/3.87lbs.

Keyboard

Top load backlight with white LEDs

Colors

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 the cost of ownership over time.

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**Optional



© 2019 Lenovo. All rights reserved. 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. These products are available while supplies last. Prices shown are subject to change without notice. For any questions concerning price, please contact your Lenovo Account Executive. Lenovo is not responsible for photographic or typographic errors. Warranty: For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC 27709, Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. Trademarks: Lenovo, the Lenovo logo, Rescue and Recovery, ThinkPad, ThinkCentre, ThinkStation, ThinkVantage, and ThinkVision are trademarks or registered trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Inside, Intel Core, and Core Inside are trademarks of Intel Corporation in the U.S. and/or other countries. Other company, product, and service names may be trademarks or service marks of others.