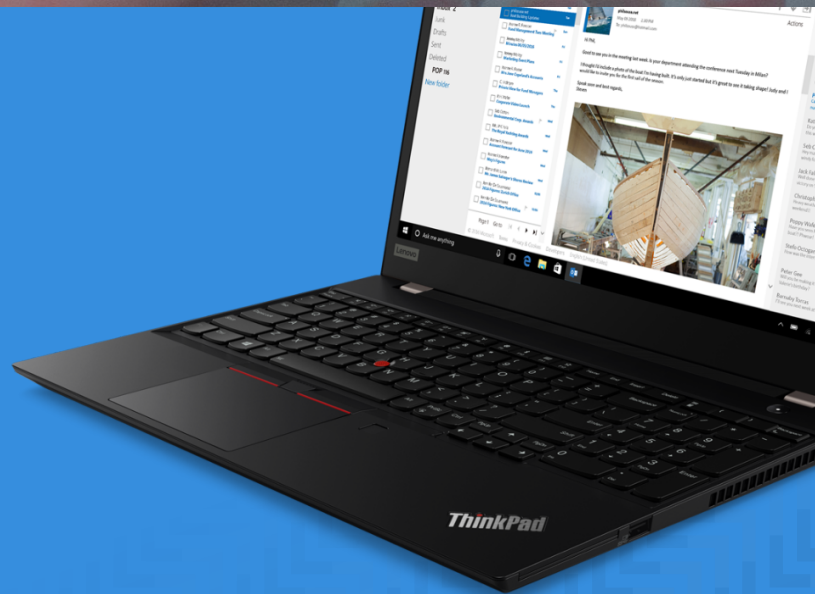




## BUSINESS DEVICES THAT ARE A CLASS APART



The ultimate productivity notebook, ThinkPad T Series will keep users productive all day with long battery life, docking and enhanced connectivity options, security and manageability features.

# ThinkPad T590

Smarter  
technology  
for all

Lenovo

This lightweight business laptop is packed with features that help mobile users stay productive. For example, it offers up to 15 hours of battery life to outlast the longest of workdays. The device is powered by the latest Intel Core™ vPro processors and can be configured with Intel Optane™ memory which allows large files and commonly-used applications to open faster.

## REASONS TO BUY

Choose the Dolby Vision® HDR display for exceptional colour and brightness when working on documents or watching video.

Multiple ports including Thunderbolt™, USB Type-C, USB 3.1, and HDMI allow high-speed data transfer and support docking solutions to enable seamless multitasking.

Minimal preloaded applications mean maximum battery life and responsiveness for users, and faster deployment for IT admins.



[most.lenovo.com](https://www.lenovo.com)

# ThinkPad T590

## KEY SPECIFICATIONS

Processor	up to 8th Gen Intel Core i7 processor
Operating System	Powered by Windows 10 Pro
Display	15.6" Dolby Vision HDR screen, 4K (3840x2160), WVA, 1200:1 contrast ratio, 100% Adobe gamut 15.6" screen, Full HD (1920x1080), WVA, 700:1 contrast ratio, 45% gamut (optional touch)
Touchscreen	optional touchscreen on Full HD model
Graphics	Intel UHD Graphics 620 in processor, optional NVIDIA GeForce MX250 2GB
Memory	up to 48GB DDR4-2400
Storage	up to 1TB M.2 PCIe NVMe SSD optional Intel Optane 32GB memory integrated with SSD
Audio	2x 2W speakers with Dolby Audio Premium Dual array far-field mics
Battery†	up to 14.98hrs (57Wh)
Power Adapter	One of the following 45W USB-C 65W USB-C
Camera	One of the following 720p + IR with ThinkShutter 720p with ThinkShutter
Keyboard	spill-resistant, optional backlit
Color	Black
Dimensions	From Width: 365.8mm (14.4") Depth: 248mm (9.76") Height: 19.1mm (0.75")
Weight	starting at 1.75kg (3.86lb)

## GREEN CERTIFICATIONS

EPEAT Gold, Energy Star 7.1

## OTHER CERTIFICATIONS

MIL-STD-810G military testing

## CONNECTIVITY

I/O Ports	2x USB 3.1 Gen 1 (1x Always On), 1x USB-C 3.1 Gen 1 (power delivery and DisplayPort), 1x USB-C 3.1 Gen 2 / Thunderbolt 3 (power delivery and DisplayPort), HDMI, ethernet (RJ-45), nano-SIM card slot (WWAN models only), audio combo jack, microSD card reader, side docking connector, optional smart card reader, security keyhole
WLAN + Bluetooth	Intel 9560 11ac, 2x2 + BT5.0
WWAN	Optional
NFC	Optional
Docking	Compatible with Side Mechanical dock and USB 3.0 & USB-C docking solutions

## SECURITY & PRIVACY

Fingerprint Reader  
Smart Card Reader  
Discrete TPM 2.0  
IR Camera with Windows Hello  
ThinkShutter camera privacy cover  
Kensington lock slot

## MANAGEABILITY

Intel vPro (optional)

## Recommended for this device



### Lenovo VOIP 360 Camera Speaker

Compact 360° camera, microphone and speaker with echo suppression

360° video with 4 display options and camera off button

Works with any VOIP application and connects via USB-C



### ThinkPad Pro Docking Station (2018)

Side-mounted mechanical docking connection provides rapid charging power, data and video connection

2x DisplayPort 1.4, 1x USB-C, 2x USB 2.0, 3x USB3.1 ports (including 1x always-on)

Gigabit Ethernet with advanced networking features



### Smart Image

Converts your image to make it compatible across Lenovo devices

Useful for businesses purchasing devices in waves of expansion

Network, service partition, USB and DVD deployable

Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. † Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors. © 2020 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.