Fast, responsive, and reliable, the ThinkPad E590 is the perfect choice for users who need powerful technology for all-round performance.

With up to 8th Generation Intel® Core™ i7 WHL Processor, robust memory, discrete AMD Radeon™ RX 550 graphics, and high-speed PCIe solid state drive (SSD), this laptop meets your business demands. The intuitive design, security features, various connectivity options, and the legendary ThinkPad reliability, boost productivity even on the go.
Power-packed Performance: accelerate and optimize performance with up to 8th Generation Intel® Core™ i7 WHL Processor and Intel® Optane™ memory. The in-built AMD graphics card makes intensive content creation effortless.

Flexible Storage Solutions: spend less time waiting and more time doing with the dual drive storage option. Experience the responsiveness of a solid state drive (SSD) and gain the extra capacity of a hard disk drive (HDD) for storing multimedia files.

Convenient Connectivity: a wide range of ports including USB-C connectivity make the E590 compatible with any peripheral device in an office. It also enables faster data transfer.

User Comfort: experience smooth content creation or consumption with a full-HD IPS display. Plus, the ergonomic keyboard with optional backlight enables you to work effortlessly.

Superior Conferencing: experience enhanced VoIP calls with a Skype for Business certified dual-array mic, an HD-webcam, and Dolby® Advanced Audio™ stereo speakers.

Benefits for the IT Department

Productive:
Top-notch processors and graphics card for intensive multitasking and amplified performance.

Secure:
The discrete TPM 2.0 chip encrypts confidential data while Windows Hello that works with the Touch Fingerprint Reader* ensures secure PC access.

Durable:
Reliable laptop with legendary ThinkPad durability can withstand rugged office usage.

*Optional
**Lenovo Essential Wireless Keyboard and Mouse Combo**  
(PN: 4X30M39458)  
This durable keyboard and mouse combo plugs into any USB with wired reliability you can count on. A tough, waterproof membrane handles accidental spills without risking performance, plus quiet keys and an ergonomic full-size mouse offer comfort for all-day use.

**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-C port.

**ThinkPad Professional 15.6” Backpack**  
(PN: 4X40Q26383)  
Streamlined yet versatile backpack for the on-the-go professional. This clean, modern design carries, protects, and withstands everyday wear and tear. The premium padding offers carrying comfort, while protecting devices from scratches.
ThinkPad E590 Laptop

**PERFORMANCE**

**Processor**
- Up to 8th Generation Intel® Core™ i7 WHL Processor

**Operating System**
- Windows 10 Pro (64 bit)

**Graphics**
- Integrated: Intel® graphics
- Discrete: AMD Radeon™ RX 550X, 2GB VRAM

**Camera and Mic**
- 720p with dual-array Skype-certified microphone

**Memory**
- Up to 32GB (2 DIMM) DDR4
- Up to 16GB Intel® Optane™ Memory*

**Storage**
- Up to 512GB PCIe M.2 SSD
- Up to 500GB (7200 RPM)
- 2TB (5400 RPM) 2.5 SATA HDD
- Dual Drive storage*

**Battery**
- Up to 11 hours** 45Whr battery

**AC Adapter**
- 45W or 65W with RapidCharge

**Audio**
- Skype for Business certified dual-array mic
- Dolby® Advanced Audio™ stereo speakers

**SECURITY**

**Discrete TPM 2.0**

**Touch FPR* with Windows Hello**

**Kensington™ lock slot**

**CONNECTIVITY**

**WLAN**
- Up to Intel® 2 x 2 11ac
- Bluetooth™ 4.x

**Input/Output Ports**
- 1 x USB-C (USB 3.1/DP 1.2/PD 3.0)
- 2 x USB-A (USB 3.1)
- 1 x USB 2.0
- HDMI 1.4b
- RJ45
- Micro SD card slot
- Combo Mic/Audio

**Docking**
- USB-C
- USB 3.0 Dock
- USB 3.0 Ultra Dock

**DESIGN**

**Display**
- 15.6" FHD IPS (1920 x 1080 pixels) with anti-glare
- 15.6" HD (1366 x 768 pixels) with anti-glare

**Dimensions (W x D x H)**
- MM: 369 x 252.5 x 19.9
- Inches: 14.52 x 9.92 x 0.78 (Metal A-cover)

**Weight**
- Starting at 2.1kg/4.7lbs.

**Colors**
- Black
- Silver

**Keyboard and Touchpad**
- Full-sized backlit* keyboard with number pad
- Precision touchpad

**PRELOADED SOFTWARE**

- Lenovo Vantage
- Lenovo Migration Assistant
- McAfee® LiveSafe™ (trial)
- Microsoft Office (trial, except in Japan)

**RECOMMENDED SERVICES**

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

- **Premier Support**
  - Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems.

- **Accidental Damage Protection (ADP)**
  - Protect your investment from operational or structural damage caused by common accidents like drops, spills, or electrical surges. This fixed-cost, fixed-term protection plan minimizes unexpected repairs for predictable budgeting and provides significant savings relative to the cost of non-covered repairs.

- **Warranty Extension (1-year base, up to 3 years total)**
  - Get a fixed-term, fixed-price service solution to match the lifecycle of your device and fit within your budget. Purchasing an extension at the time of a system purchase saves 15-30% over the price of purchasing it post-warranty.

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*Optional

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

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