

Lenovo
ThinkPad

Accessible performance, sustainable design **for modern business**

Lenovo ThinkPad E16 IRL datasheet

Version 1.0 EMEA | May 2023



Powered by
up to 13th Gen Intel® Core™ i7 processor

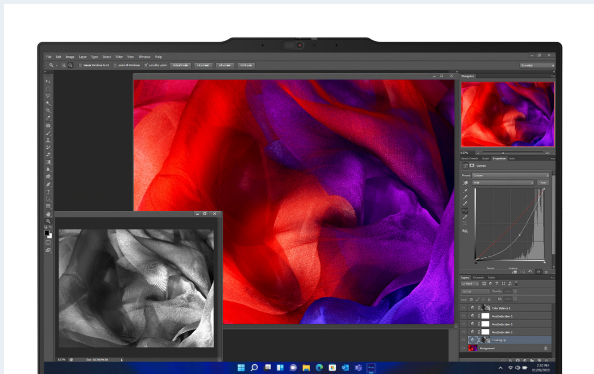
**Smarter
technology
for all**

Lenovo

A work-oriented device for modern professionals



Designed for an evolving workplace, the all-new Lenovo ThinkPad E16 Gen 1 *i* is a significant step up from its predecessors. Featuring the latest 13th Gen Intel® Core™ mobile processor and a host of powerful components, it elevates everyday work. Its sizable display, robust build, and user-friendly features are perfect for office and remote work.



Born ready for any tasks

ThinkPad E16 Gen 1 *i* comes equipped with the all-new **13th Gen Intel® Core™ i7 processor**. It exudes power, reliable performance, and robust security. It's designed to never falter despite heavy loads of work and is perfect for data tabulation, quick design works, research, and reviewing content. The onboard **integrated Intel® UHD graphics** or **NVIDIA® GeForce® MX550 graphics** power your creative potential for everyday tasks. This new iteration of the ThinkPad series, the ThinkPad E16 Gen 1 *i* delivers blazing-fast performance thanks to its extensive memory and SSD storage. A blend of up to **40GB of DDR4 memory**, paired with ample up to **1TB SSD storage**, accelerates its processes to new heights – perfect for content creation, and processing data near-instantly.

Elevated work experience

ThinkPad E16 Gen 1 *i* is easy to work on and easily fits into remote work thanks to its **1.77kg** weight and up to **19.85mm** thick profile. The stunning **Graphite Black** color gives the ThinkPad E16 Gen 1 *i* laptop a modern and professional look that sets you apart. The all-new keyboard houses robust keys with improved travel, a numerical pad, and better key spacing to prevent accidental inputs. The smooth **115 x 68mm trackpad** improves onscreen navigation. ThinkPad E16 Gen 1 *i* features a crystal-clear up to **2.2K display**, a 100% sRGB color gamut, and optional touch. The 16-inch display has a **16:10 aspect ratio** with a **91.2% STBR** and **TÜV Low Blue light certification** for an excellent visual experience. ThinkPad E16 Gen 1 *i*, up to **57Whr battery** capacity, lets users work for more hours, whatever the setting. With the design featuring a sturdy metal A and D cover, protect your device from bumps and spills. This device also boasts of clearing the stringent **MIL-STD-810H** strength tests for robust build and durability.

Advanced connectivity and security

Connectivity is key to working effectively. With more room for peripherals and better collaboration, ThinkPad E16 Gen 1 *i* comes with a plethora of ports, notably two **USB-A ports**, with **USB-A 3.2 Gen1 and USB-A 2.0 ports** and an additional **USB-C 3.2 Gen2 port**. It also features a **Thunderbolt™ 4**, HDMI 2.1, RJ45 ethernet port, and an audio jack. Designed for congestion-free wireless connectivity, Wi-Fi 6E and Bluetooth 5.0 on ThinkPad E16 Gen 1 *i* ensures hassle-free connectivity every time. Additionally, its security features ensure it is protected everywhere, thanks to its **fingerprint reader¹** for secure logins. The Kensington™ lock slot physically chains the device to prevent theft and the dTPM¹ security prevents hacks and breaches. Two speakers with dual mics and a **hybrid FHD + IR camera** take care of online meetings while Camera Privacy Shutter prevents unauthorized camera access online.



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¹Optional

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Recommended accessories



THINKPAD ESSENTIAL WIRELESS MOUSE
PN: 4X30M56887

This sleek and stylish full-size mouse design offers exceptional quality in a modern wireless solution. The compact ambidextrous mouse provides excellent portability and perfect ergonomics. Complete tasks with ease using the precise 1200 DPI optical sensor. Connect compatible Lenovo devices with just one nano receiver.



LENOVO USB-C UNIVERSAL BUSINESS DOCK
PN: 40B30090XX

Designed for modern professionals, the Lenovo USB-C Universal Business Dock has everything that helps boost your productivity to the next level. With enhanced port expansion, optimum power delivery, and dual display support in a small space-saving, stylish exterior, the dock is the perfect companion for hybrid workspaces.



THINKPAD ESSENTIAL 16-INCH BACKPACK (ECO)
PN: 4X41C12468

The ThinkPad Essential 16-inch (40.6cm) Backpack (Eco) is a refresh of Lenovo's popular essential backpack - with an eco twist. Engineered to provide unmatched value for those on a budget, it is perfect for work, play, and everyday life. With a 16-inch padded notebook compartment, ample internal storage space, and two additional front zipper pockets, users will enjoy plenty of room for all their essentials.

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Performance

Processor

Up to 13th Gen Intel® Core™ i7 processor

Operating System

Up to Windows 11 Pro

Graphics

Integrated Intel® UHD graphics
NVIDIA® GeForce® MX550 graphics

Camera

Up to Hybrid FHD + IR Camera

Memory

Up to 40GB DDR4, 3200MHz
(onboard + DIMM)

Storage

Up to 1TB M.2 PCIe Gen4 SSD
(Supports Dual SSDs)

Battery

Up to 57Whr

AC Adapter

65W Quick charge

Audio

2 x 2W stereo speakers
Dual mics
Dolby Atmos®

Connectivity

Input/Output ports

1 x Thunderbolt™ 4
1 x USB Type-C 3.2 Gen2
1 x USB Type-A 3.2 Gen1
1 x USB Type-A 2.0
1 x HDMI 2.1 TMDS
1 x RJ45
Audio

Wi-Fi

Up to Wi-Fi 6E
Bluetooth 5.0

Docking

ThinkPad USB-C Dock Gen2
Hybrid USB-C Dock

Security

Touch Fingerprint on Power Button¹
Kensington™ lock slot
Camera Privacy Shutter
discrete TPM (dTPM) 2.0¹

Design

Materials and finish

Anodized aluminum on the top cover
and polycarbonate plastic cover
option for bottom cover

Color

Graphite Black

MIL-SPEC tested

MIL-STD-810H

Display

16", WQXGA (2560 x 1600)
IPS, 400nits, 100% sRGB

16", WUXGA (1920 x 1200)
IPS, 300nits, 100% sRGB

16", WQXGA (1920 x 1200)
IPS 300nits, 45% NTSC Touch

16", WQXGA (1920 x 1200)
IPS 300nits, 45% NTSC Non Touch

TÜV Low Blue Light certified
91.2% Screen-to-Body Ratio

Dimensions (W x D x H)

356.1 x 247.5 x 19.85mm

Weight

1.76kg

Keyboard and touchpad

Backlight/Non-backlight keyboard
VoIP HotKeys²

Certification

Energy Star® 8.0
TCO 9.0
EPEAT™ Gold
RoHS
Low Halogen
TÜV Low Blue Light
Lenovo CO₂ Offset Services
Package FSC



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¹Optional

²Requires Skype for Business account, not pre-installed by Lenovo

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 warranty)

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

©2023 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.