

ThinkBook

Smarter  
technology  
for all

Lenovo



Power-packed.  
Ultra-modern.

Crafted for next-level  
performance

**Lenovo ThinkBook 14 G4+ IAP Datasheet**  
(Pre-release version for CES 2022)



12<sup>th</sup> Gen Intel® Core™ i processor

\*Images and specifications are subject to change

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## CRAFTED FOR NEXT-LEVEL PERFORMANCE

Thrive in the next reality with Lenovo's smarter technology. Our powerful Lenovo ThinkBook devices offer unparalleled productivity, security, and collaboration for modern businesses in the hybrid space. Equipped with innovative technologies, smarter features, and advanced security, our flexible devices enhance user experiences while tackling hybrid work challenges with ease.

## CUTTING-EDGE TECH FOR ENHANCED PRODUCTIVITY

**Power-efficient performance:** up to 12<sup>th</sup> Gen Intel® Core™ i processor with superfast yet energy-efficient LPDDR5 memory enhances system responsiveness.

**Seamless computing:** dual-SSD storage along with discrete NVIDIA® RTX graphics<sup>1</sup> provides a large storage capacity for heavy files, quicker load times, and improved overall laptop performance to get more done.

**Advanced connectivity ports:** today, the nature of work is flexible, and employees need many devices for different tasks. Expand your ThinkBook 14 G4+ without hassle via its variety of port options, including Thunderbolt™ 4, HDMI2.0b, and RJ45. Securely plug your nano USBs in a hidden USB compartment, preventing any loss of dongles.

**Cool under pressure:<sup>1</sup> Intelligent Cooling** with dual fan support adjusts the system output with a balance of fan speed, thermal performance, and battery life, so you can run demanding tasks without throttling.

## PRODUCTIVITY BOOSTING FEATURES

**Bigger, broader screen:** a wider 14-inch display with a 16:10 aspect ratio and 90% screen-to-body ratio (STBR) offer a generous screen space to browse online, create content, or work on presentations. Narrow bezels on the sides provide 6% more real estate than the previous generation.

**Stunning display technology:** a dazzling up to 2.8K resolution with In-Plane Switching (IPS) panel increases sharpness without losing image quality. Content creators can leverage the 100% sRGB to get unmatched color accuracy and vibrant images. TÜV Eyesafe® certified Lenovo ThinkBook's hardware technology ensures minimal eye strain and more productive hours.

**Sensor equipped:<sup>2</sup> ToF sensor** is optimized to detect your presence and allow zero-touch login together with IR camera or lock the screen when you are not in front of the laptop.

**Intel® Wi-Fi 6E:** the fastest Wi-Fi yet boosts wireless performance so you can stay productive with stable network connectivity, lower latency, greater bandwidth, and significantly faster speeds.

**Smart AI features:** work distraction-free with AI-based noise-canceling technology that minimizes ambient noise during meetings. You can pick between Private, Shared, or Environmental modes for enhanced conferencing, anytime, anywhere.



12<sup>th</sup> Gen Intel® Core™ i processor

<sup>1</sup>Available on select configurations

<sup>2</sup>Optional

<sup>3</sup>Measured at front position

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## HEAD-TURNING DESIGN

**Metal exterior:** stand out from the crowd carrying the modern and sleek Lenovo ThinkBook 14 G4+ laptop. Three-sided Aluminum exterior adds a robust build quality. Arctic Grey chassis with CNC diamond cut on power button and touchpad renders it a premium finish.

**Mobile build:** when you are moving around the office or working remotely, slim and lightweight devices earn their worth. ThinkBook 14 G4+ is only 15.9mm<sup>3</sup> thick and weighs just 1.4kg, making it highly portable.

**Convenient keypad design:<sup>1</sup>** a bigger touchpad, with a glass surface that is 22% bigger than the previous generation, offers comfortable onscreen navigation.

## DATA, DEVICE, AND PRIVACY PROTECTION

**User authentication: Smart Power On,** a Touch Fingerprint Reader<sup>2</sup> integrated on the power button, lets you power on and log in with just a touch while preventing unauthorized access to your system. Moreover, **Zero-touch login** uses the IR camera to help you securely log in from sleep or hibernation mode without pressing the power button. Maintain camera privacy with a simple flick of the finger using the Privacy camera cover. Simply slide the privacy shutter close when the camera is not in use.

**Data and device protection:** ThinkBook 14 G4+ always keeps your data and device safe. Hardware and firmware features like fTPM, I/O Port Access Control, Secure Wipe, HDD Password, Self-healing BIOS, and Kensington NanoSaver™ lock slot let you minimize breaches and downtime.

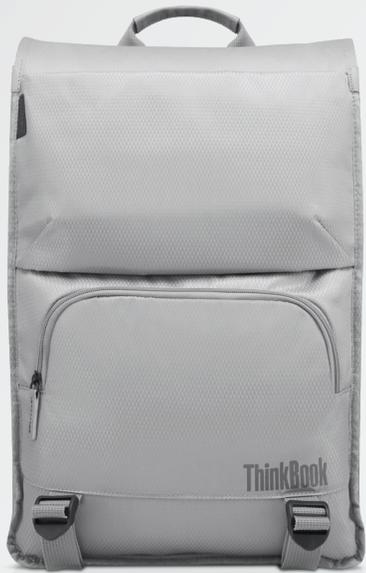


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## RECOMMENDED ACCESSORIES



**THINKBOOK URBAN BACKPACK**  
PN: 4X40V26080

A multi-functional backpack with anti-theft pocket ensures security on the move. The padded PC compartment offers cushioned comfort and protection for your laptop. High-quality fabric and stylish PU leather accent add to the contemporary design.

**THINKBOOK BLUETOOTH SILENT MOUSE**  
PN: 4Y50X888XX

Modern, low-profile, with an ambidextrous design and silent buttons, this mouse is a must-have premium accessory for your laptop. Sculpted to be comfortable while holding and equipped with a blue optical sensor with track-on-glass compatibility, this mouse works effortlessly even on a glossy surface. Dual-host Bluetooth connectivity (with Microsoft SwiftPair) and 2-way scroll with on-the-fly DPI adjustment to up to 2400 give you more precision and control.



**THINKPAD UNIVERSAL USB-C DOCK**  
PN: 40AY0090XX

One connection, no limitations—a seamless docking experience guaranteed. The ThinkPad Universal USB-C Dock allows you to experience two vivid 4K screens or triple 1080p displays, save time with transfer speeds of 10Gbps, and securely connect your ThinkBook 14 G4+ to almost any external peripheral.



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# CRAFTED FOR NEXT-LEVEL PERFORMANCE

## PERFORMANCE

### Processor

Up to 12<sup>th</sup> Gen Intel® Core™ i H45 Processor

### Operating System

Up to Windows 11 Pro

### Memory

Up to 32GB dual channel LPDDR5

### Graphics

Intel® integrated graphics  
Up to NVIDIA® GeForce® RTX 2050 discrete graphics<sup>1</sup> with 4GB GDDR6 VRAM

### Storage

Up to 2TB PCIe Gen4 SSD  
Dual SSD slot

### Camera

Up to FHD<sup>1</sup>  
IR camera<sup>1</sup>  
privacy shutter

### Audio

Stereo speakers with Dolby® Atmos™  
Dual-array mic

### Battery

62Wh  
46.5Wh<sup>2</sup>  
supports RapidCharge

### AC Adapter

Type-C, 100W<sup>2</sup>  
Type-C, 65W, 3 Pin<sup>2</sup>  
Type-C, 65W Mini Wall-Mount, 2 Pin<sup>2</sup>

### Security

Smart Power Button with Fingerprint Reader<sup>1</sup>  
Privacy Shutter Camera Cover

TPM 2.0 (firmware)  
Kensington NanoSaver™ lock slot  
Glance by Mirametrix  
IR camera<sup>1</sup>

## DESIGN

### Materials and Finish

Anodized Aluminum metallic exterior finishes on three sides.  
Premium CNC diamond cut on power button and touchpad.

### Display

14" 2.8K (2880 x 1800) IPS 16:10 display, 400nits, 90Hz, 100% sRGB color gamut, Anti-glare, TÜV Rheinland Low Blue Light (H/w controlled) and EyeSafe® certification

14" 2.2K (2240 x 1400) IPS 16:10 display, 300nits, 100% sRGB color gamut, Anti-glare, TÜV Rheinland Low Blue Light (H/w controlled) and EyeSafe® certification

14" WUXGA (1920 x 1200) IPS 16:10 display, 300nits, Anti-glare, TÜV Rheinland Low Blue Light (S/w controlled)

### Keyboard and Touchpad

Spill-resistant backlit keyboard  
Service Hotkey  
Big size precision touchpad with glass surface

### Dimensions

Models with 2.8K and 2.2K display  
313 x 225 x 15.9 mm  
12.32 x 8.85 x 0.63 inches

Models with WUXGA display  
313 x 225 x 16.5 mm  
2.32 x 8.85 x 0.65 inches

<sup>1</sup>Optional

<sup>2</sup>Available on select models  
<sup>3</sup>Based on testing with MobileMark. Battery life varies significantly with settings, usage, and other factors

<sup>4</sup>Available in selected countries

## Color

Arctic Grey

## MIL-SPEC Tested

Yes, to be assessed for MIL-STD 810H

## Weight

Starts at 1.43kg / 3.15lbs.

## CONNECTIVITY

### LAN

1000M

### WLAN

Wi-Fi 6 with Bluetooth® 5  
Wi-Fi 6E with Bluetooth® 5

### Input/Output Ports

1 x Thunderbolt™ 4  
1 x USB-C 3.2 Gen2 full-function (USB+DP+PD)  
1 x USB 3.2 Gen1 Type-A (with Always On)  
1 x USB 3.2 Gen1 Type-A  
1 x USB 2.0 (Hidden USB)  
HDMI 2.0b  
3-in-1 Micro SD Card Reader (SD, SDHC, SDXC)  
Audio Combo Jack  
RJ45

## USER EXPERIENCE

Modern Standby  
Smart Power On<sup>1</sup>  
Zero Touch login / lock on leave<sup>1</sup>  
Hidden USB Port  
Service Hotkey  
180° Lay-flat hinge

## PRELOADED SOFTWARE

Lenovo Vantage  
AI Meeting Manager  
McAfee® LiveSafe™ (trial)  
Microsoft Office 365 (trial, except in Japan)

## SERVICES AND SUPPORT: COMPLETE CARE FOR YOUR LENOVO THINKBOOK 14 GEN 4+

### FLEXIBLE WARRANTY EXTENSIONS AND UPGRADES

Lenovo ThinkBook 14 Gen 4+ is covered with a 1-year base warranty and can be upgraded for a period of up to 5 years to extend the value of your investment.

### ONE-CALL ACCESS TO PROFESSIONAL HELP

Premier Support service is an enhanced warranty plan that provides 24x7 direct access to the right level of tech support on the first call, on priority.

### INTERNATIONAL WARRANTY SERVICE (IWS)

IWS addition allows international availability of standard warranty terms. Applicable in all countries where the particular model is sold and serviced.

### COVERED FOR UNCERTAINTIES

Accidental Damage Protection (ADP) provides coverage for non-warranted damage incurred under normal operating conditions, such as minor spills, drops, or damage to the integrated screen.

Keep Your Device (KYD) allows customers to keep their drives and dispose of business data on their terms, improving data security and ensuring compliance with data privacy and retention requirements.

Sealed Battery Warranty (SBTY) provides battery replacement for 2 years in the event of a battery failure.

### DEVICE MAINTENANCE AND REPAIR

Get flexible and 30% faster response with Lenovo Commercial Services.

- Onsite Next Business Day Response (NBD) and Technician Installed Customer Replaceable Unit (CRU)
- Expedited Depot Service



12<sup>th</sup> Gen Intel® Core™ i processor

This datasheet is created for CES 2022.  
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