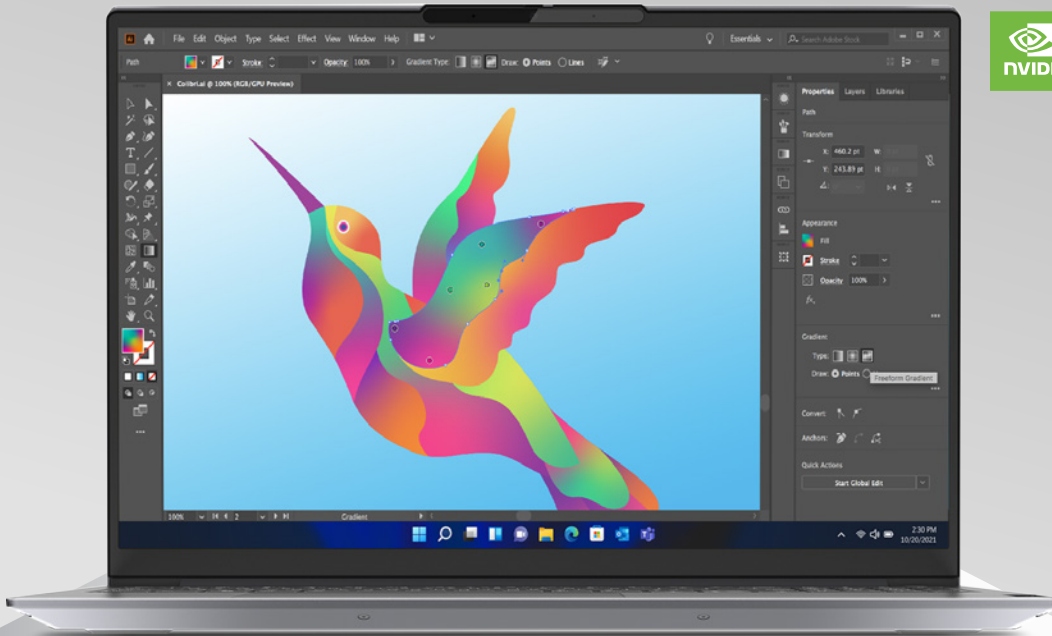


ThinkBook

Smarter
technology
for all

Lenovo



Smarter.
Wider.
Ultimate
Performance.

Crafted for
professional-grade
performance

Lenovo ThinkBook 16 G4+ IAP Datasheet
(Pre-release version for CES 2022)



12th Gen Intel® Core™ i processor

*Images and specifications are subject to change

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CRAFTED FOR PROFESSIONAL-GRADE 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.

EXCEPTIONAL COMPONENTS

State of the art CPU: Lenovo ThinkBook 16 Gen 4+ comes with tremendous power, up to **12th Gen Intel® Core™ i Processor** that makes high-speed work possible without glitches, and with a more responsive **LPDDR5 memory** — experience next-level high performance and productivity.

Highly responsive memory and storage: get excellent performance and massive space with dual SSD storage of up to 2TB and up to 32GB LPDDR5 memory, helping you conquer and manage workloads with ease.

Smoother and more responsive: with the latest discrete **NVIDIA® RTX graphics**, you can access files and apps faster and enjoy lively system responsiveness. Dual-fan reduces the heat and gives optimized thermal capacity, keeping the system in balance while increasing energy efficiency.

Experience seamless connectivity: connect to multiple peripherals, networks, and accessories with a wide range of port options, including Thunderbolt™ 4, HDMI 2.0b, and RJ45. Unleash USB Type-C's power with the **Thunderbolt™ 4 port** for high-speed data transfers up to 40Gbps, connect up to two 4K monitors and audio output along with power delivery, all using a single port.

Bump up your Wi-Fi speed: get ready to experience a whole new world of online connectivity with **Wi-Fi 6E**. Get high-speed connectivity, faster download speeds, increased network bandwidth, and lower latency with reduced congestion, particularly in areas where lots of networks operate with the latest Wi-Fi 6E.

ATTRACTIVE AND PURPOSEFUL DESIGN

Built for style: the stylish three-side exterior cover and a refined design with a thickness of 16.5mm make for a stylish build and portable design. A perfect fit for modern office setups. The perfectly designed hinge lets you push the display down flat to 180° for flexibility in working, wherever you are.

Dual-tone combination: Lenovo ThinkBook 16 Gen 4+ comes ready to be admired in a professional dual-tone Arctic Grey shade. Its higher water line and thinner visual effect make it a treat to work on and carry around.

Bigger and better: 16 Gen 4+ boasts bigger cursor keys and a touchpad with a 47% bigger glass surface, giving your fingers more space to work.

Hidden USB port: the hidden USB port is back on Lenovo ThinkBook 16 Gen 4+. You can now easily plug in your nano USB to the hidden slot in the hideaway compartment. It connects and gets your work done without distraction, with more security, and without the worry of losing any dongles.



12th Gen Intel® Core™ i processor

¹Optional

²On select configurations

***Images and specifications are subject to change**

STUNNING DISPLAY AND SMARTER FEATURES

Incredible size and clarity: the brand-new addition to the Lenovo ThinkBook series, 16 Gen 4+ comes with In-Plane Switching (IPS), up to **2.5k resolution, 100% sRGB gamut**, giving you in-depth clarity. Experience professional color accuracy with the industry-first hardware color calibration in a notebook. It gives more accurate true-to-life color than software color calibration with no loss in brightness. The massive 16-inch screen with a 16:10 aspect ratio, 120Hz refresh rate, and more than 90% screen-to-body ratio give you ample space to see more and focus better at work. A generous 11% increase in the screen real-estate compared to a 15-inch display widens your possibilities.

Sensor equipped: **IR camera¹** and **ToF sensor¹** provide a **zero-touch log-in**, which locks the system automatically when the user is away, ensuring improved security and power saving.

Simplify routine workflows: using **Microsoft Power Automate** on Windows 11, you can easily automate workflows across applications and simplify routine tasks like reporting, data entry, scheduling, and more with a low-code, guided process, and hundreds of pre-built connectors.

Noise-free meetings: AI-based noise-canceling technology cuts ambient noise for efficient meetings, especially when working from home. Pick between Private, Shared, or Environmental modes for the ideal conferencing setup.

ADVANCED SECURITY FEATURES

Safe and secure: the power button has a built-in Touch **Fingerprint Reader¹** for instant and secure login.

- **Glance** offers multiple benefits to users, such as presence detection, privacy alert, among others.
- **IR camera** scans your face to give you a seamless and secure login, eliminating passwords.
- **Privacy shutter** protects your privacy with a physical camera shutter—slide it closed when your webcam is not in use.
- **Firmware TPM** encrypts business data on the CPU.

Data, device, and privacy protection: ensure your data never gets into the wrong hands. Hardware and firmware features like **I/O Port Access Control, Secure Wipe, HDD Password, and Kensington NanoSaver™ lock slot** lets you minimize breaches and downtime.



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RECOMMENDED ACCESSORIES



THINKBOOK 15.6" LAPTOP 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 Lenovo ThinkBook 16 G4+ IAP to almost any external peripheral.

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CRAFTED FOR PROFESSIONAL-GRADE PERFORMANCE

PERFORMANCE

Processor

Up to 12th 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 with 4GB GDDR6 VRAM

Storage

Up to 2TB PCIe Gen4 SSD
Dual SSD slot

Camera

Up to FHD camera with privacy shutter
IR camera¹
ToF sensor¹

Audio

Stereo speakers with Dolby® Atmos™
Dual-array mic

Battery

71Wh, 57Wh²
supports RapidCharge

AC Adapter

Type-C, 100W, 3 Pin²
Type-C, 65W, 3 Pin²
Type-C, 65W Mini Wall-Mount,
2 Pin²

Security

Smart Power On Button
with Fingerprint Reader¹
ThinkShutter Camera Cover
TPM 2.0 (firmware)



12th Gen Intel® Core™ i processor

Kensington NanoSaver™ lock slot
Glance by Mirametrix
IR Camera¹

DESIGN

Materials and Finish

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

Display

16" 2.5K (2560 x 1600) IPS 16:10 display, 350nits, 120Hz, 100% sRGB color gamut, Anti-glare with hardware color calibration (Average Delta E <1), TÜV Rheinland Low Blue Light (H/w controlled) and EyeSafe® certification

16" 2.5K (2560 x 1600) IPS 16:10 display, 350nits, 100% sRGB color gamut, Anti-glare display, TÜV Rheinland Low Blue Light (H/w controlled) and EyeSafe® certification

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

Keyboard and Touchpad

Spill-resistant backlit¹ keyboard with number pad
Super size precision touchpad with glass surface

Dimensions

Models with 2.5K display
357 x 252 x 16.5 mm
14.05 x 9.92 x 0.65 inches
Models with WUXGA display
357 x 252 x 16.9 mm
14.05 x 9.92 x 0.66 inches

¹Optional
²Available on select models

This datasheet is created for CES 2022.
Images, specs may change until final release.

Color

Arctic Grey

MIL-SPEC Tested

Yes, to be assessed for MIL-STD 810H

Weight

Starts at 1.82kg / 4.01lbs.

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
4-in-1 Card Reader (SD, SDHC, SDXC, MMC)
Audio Combo Jack
RJ45

USER EXPERIENCE

Modern Standby
Optional Smart Power On
Optional Zero Touch login / lock on leave
Hidden USB port
Service HotKey
180° Lay-flat hinge

PRELOADED SOFTWARE

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

SERVICES AND SUPPORT: COMPLETE CARE FOR YOUR LENOVO THINKBOOK 16 G4+ IAP

FLEXIBLE WARRANTY EXTENSIONS AND UPGRADES

Lenovo ThinkBook 16 G4+ IAP is covered with 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 COVERAGE POLICY

In case of any critical repair while traveling internationally, consistent support is available in the local language in over 30 countries worldwide.

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

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