

ThinkBook 15 G4 IAP

This 15.6" sleek notebook has everything that modern professionals demand in their work devices. It is powered by the 12th Generation Intel Core Processors with onboard Intel Iris Xe Graphics and discrete NVIDIA GeForce – means it renders lifelike visuals for fluid performance when working on heavy-duty applications. SmartPower On touch-key replaces the power button, ensuring biometric authentication every time somebody uses the device. Wi-Fi 6 connectivity lets you stay connected at optimum speed even in device-crowded places.



Redefining possibilities with powerful performance and groundbreaking on-device AI

ThinkBook combines the style and user experience of consumer devices with the security and business-class support of ThinkPad.

The 15.6" FHD display with up to 300 nits brightness ensures the images are detailed and everything on the screen is of the highest quality. Attend calls with superior sound quality without any background noise, thanks to the AI-based noise-canceling microphones with Dolby Audio stereo speakers.

Equipped with a range of ports, such as Thunderbolt 4 port for ultra-fast transfer of large files. Connect up to 3 external monitors and other peripherals through onboard HDMI and USB-C ports.

Integrated webcam with privacy cover, dual speakers with Dolby audio, dual-array mics with AI-based noise cancellation technology, all make web conferencing easier and clearer.

Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



Premier Support

- Talk directly with advanced technical support agents
- Support for software & hardware
- Next business day onsite repairs

Accessories

ThinkBook Wireless Mouse

- 6-button wireless mouse with DPI adjustment: 2400, 1600, 100
- 2-level scroll wheel speed adjustment and dedicated volume controls
- Ergonomic right-handed design with thumb rest



PN: 4Y50V81591

ThinkPad USB-C Dock Gen 2

- Connects via a single USB-C cable which also charges the PC
- 1x USB-C, 2x USB2.0, 3x USB3.1 ports (including 1x always-on for charging devices)
- 2x DisplayPort and 1x HDMI. Supports 1x 4K or 3x Full HD displays



PN: 40AS0090xx



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Performance

Processor

12th Gen Intel U or P Series Core i3/i5/i7

Operating System

Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Windows 11 DG Windows 10 Pro 64

Graphics ¹

Intel UHD Graphics (integrated)
Intel Iris Xe Graphics eligible (integrated)
NVIDIA GeForce MX550

¹Intel Iris Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel Iris Xe Graphics will function as Intel UHD Graphics.

Memory ²

Up to 40GB DDR4-3200, 1x Soldered + 1x SO-DIMM

²Maximum memory is only to test technical readiness of notebook. Available memory to sell would vary.

Storage ³

One M.2 PCIe NVMe SSD offering
M.2 2242 SSD up to 1TB
M.2 2280 SSD up to 1TB
(system supports two M.2 slots)

³The storage capacity supported is based on the test results with current Lenovo storage offerings.

Audio

High Definition (HD) Audio
Stereo speakers, 2W x2, Dolby Audio
Dual-microphone array with noise-cancelling

Camera ^{*}

HD 720p, with privacy shutter
FHD 1080p, with privacy shutter

Battery ⁴

45Wh (up to 6 hr) battery, Rapid Charge Pro
60Wh (up to 8 hr) battery, Rapid Charge

⁴Battery life claims are approximate maximum. Actual result will vary depending on many factors and the maximum battery capacity will decrease with time and use.

Power Adapter ^{*}

65W USB-C adapter, PD 3.0
65W USB-C slim adapter, PD 3.0

Design

Display ⁵

15.6" FHD (1920x1080) TN Anti-glare 16:9
- 250nits, 45% NTSC

15.6" FHD (1920x1080) IPS Anti-glare 16:9
- 300nits, 45% NTSC
- 300nits, 100% sRGB
- 300nits, 45% NTSC, touch

⁵IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Keyboard

6-row, spill-resistant, numeric keypad, optional backlight

Touchpad

Mylar surface touchpad
70 x 105 mm (2.76 x 4.13 inches)

Dimensions ⁶

357 x 235 x 18.9 mm (14.1 x 9.25 x 0.74 inches)

⁶The system dimensions may vary depending on configurations.

Weight ⁷

Starting at 1.7 kg (3.75 lbs)

⁷The system weight is approximate and may vary depending on configurations

Color

Mineral grey, dual-tone design

Case material

Aluminium (top)
PC-ABS (bottom)

Connectivity

Ethernet

Gigabit onboard Ethernet

WLAN + Bluetooth ^{*} ⁸ ⁹

802.11ac (Wi-Fi 5) or 802.11ax (Wi-Fi 6 or Wi-Fi 6E), Bluetooth 5.1

⁸Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

⁹Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

Ports

1x USB 3.2 Gen 1
1x USB 3.2 Gen 1 (Always On)
1x USB-C 3.2 Gen 2 (data, PD 3.0, DP 1.4)
1x Thunderbolt 4 / USB4 40Gbps (data, PD 3.0, DP 1.4)
1x HDMI 2.1, up to 4K/60Hz
1x Card reader
1x Ethernet (RJ-45)
1x Headphone / microphone combo jack (3.5mm)

Docking

Docking support via Thunderbolt or USB-C

Security & Privacy

Security

Firmware TPM 2.0
Kensington Nano Security Slot
Touch style fingerprint reader on smart power button
Camera privacy shutter

Manageability

System Management ^{*}

Intel vPro Essential^{*}

Certifications

Green Certifications ¹⁰ ¹¹ ¹²

EPEAT Gold Registered
ENERGY STAR 8.0
ErP Lot 3
TCO Certified^{*}
RoHS compliant

¹⁰The items listed under the "Green Certifications" section may not only refer to certification but also registration (self-declaration).

¹¹EPEAT registration and ENERGY STAR certification are dependent on system OS.

¹²EPEAT is registered where applicable, please see [epeat.net](https://www.epeat.net) for registration status by country.

Other Certifications

TÜV Rheinland Low Blue Light (Software Solution)^{*}
MIL-STD-810H