

PERFORMANCE

Processor Intel® Core™ i9-14900HX, 24C (8P + 16E) / 32T, P-core 2.2 / 5.8GHz, E-core 1.6 / 4.1GHz, 36MB
AI PC Category ^[1] AI-Powered Gaming PC
Graphics NVIDIA® GeForce RTX™ 4090 16GB GDDR6, Boost Clock 2040MHz, TGP 175W, 686 AI TOPS
Chipset Intel® HM770 Chipset
Memory ^[2] 2x 32GB SO-DIMM DDR5-5600 (Overclock)
Memory Slots Two DDR5 SO-DIMM slots, dual-channel capable
Max Memory ^{[3][4]} Up to 64GB DDR5-5600 (overclock) offering
Storage 2TB SSD M.2 2280 PCIe® 4.0x4 NVMe®
Storage Slot Two M.2 2280 PCIe® 4.0 x4 slots
Max Storage Support ^[5] Up to two drives, 2x M.2 SSD • M.2 2280 SSD up to 2TB each
RAID Preset None
Optical None
Card Reader SD Card Reader
Audio Chip High Definition (HD) Audio, Realtek® ALC3306 codec
Speakers Stereo speakers (super linear speaker), 2W x2, audio by HARMAN, optimized with Nahimic Audio, Smart Amplifier (AMP)
Microphone 2x, Array
Camera FHD 1080p with E-shutter
Battery 99.9Wh
Power Adapter 330W Slim Tip Tiny GaN (3-pin) + 140W USB-C® Slim (3-pin)
Special Features <ul style="list-style-type: none"> AI Chip: LA3-P Hybrid thermal solution (liquid cooling + air cooling + liquid metal)

DESIGN

Display 16" 3.2K (3200x2000) Mini LED 1200nits Anti-glare, 100% DCI-P3, 100% Adobe® RGB, 100% sRGB, 165Hz, DisplayHDR™ 1000, Dolby Vision®, G-SYNC®, Low Blue Light
Touchscreen None
Screen-to-Body Ratio 94% AAR (active area ratio)
Color Calibration None
Pen Pen Not Supported
Keyboard Per-key RGB Backlit (with Lighting Lens), Spanish (LA)
Touchpad Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 58 x 120 mm (2.28 x 4.72 inches)
Dimensions (WxDxH) ^[6] 357.7 x 277.7 x 18.9-22.7 mm (14.08 x 10.93 x 0.74-0.89 inches)
Weight ^[7] Around 2.6 kg (5.73 lbs)
Case Color Carbon Black
Case Material Aluminium (Top), Magnesium-aluminium (Bottom)
Surface Treatment Forged Carbon (Soft Painted)

SOFTWARE

Operating System Windows® 11 Home Single Language, Spanish
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Bundled Software Office Trial

CONNECTIVITY

WLAN + Bluetooth ^[8] Intel® Killer™ Wi-Fi® 6E AX1675i, 802.11ax 2x2 + BT5.3
WWAN Non-WWAN
Ethernet 2.5GbE (RJ-45)

Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), data transfer only
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with Lenovo® PD 140W and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (2.5GbE RJ-45)
- 1x Card reader
- 1x Power connector

SECURITY & PRIVACY

Security Chip Firmware TPM 2.0 Enabled
Fingerprint Reader Touch Style, Integrated in Power Button
Other Security E-shutter

SERVICE

Base Warranty 1-year, Courier or Carry-in
Included Upgrade None

ACCESSORIES

Bundled Accessories 8 Switchable Keycaps and Easy Tool
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CERTIFICATIONS

Green Certifications <ul style="list-style-type: none"> Carbon Neutral Certified ErP Lot 3 RoHS compliant
Other Certifications <ul style="list-style-type: none"> TÜV Rheinland® Low Blue Light (Hardware Solution) UL Solutions - Gaming Performance and Comfort (GOLD)

MODEL

TopSeller : No	Announce Date : 2024-01-20
EAN / UPC / JAN : 197530706042	End of Support : 2030-01-04

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PC HEALTH CHECK

Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty – Included with the systems you purchase, default 1- or 3-year coverage window.

Warranty Extensions & Upgrades – Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories



Lenovo USB-C 7-in-1 Hub

4X90V55523

Travel - Ready Productivity. One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo USB-C 7-in-1 Hub fits unlimited productivity i...



Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

Please click [here](#) to view the full list of accessories.

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PSREF
Product Specifications
Reference