

PERFORMANCE

Processor^[1]

Intel® Core™ Ultra 7 165H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 5.0GHz, 24MB

Graphics

NVIDIA® RTX 500 Ada Generation 4GB GDDR6

Chipset

Intel® SoC Platform

Memory

2x 32GB SO-DIMM DDR5-5600 Non-ECC

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[2]

Up to 96GB (2x 48GB DDR5 SO-DIMM)

Storage

2TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

Storage Support^[3]

One drive, up to 2TB M.2 2280 SSD

Storage Slot

One M.2 2280 PCIe® 4.0 x4 slot

Card Reader

No card reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby Audio™

Camera

5.0MP + IR with Privacy Shutter and Human Presence Detection

Microphone

2x, Array

Battery

Integrated 75Wh

Power Adapter

135W USB-C® Slim (3-pin)

DESIGN

Display

14.5" 3K (3072x1920) IPS 430nits Anti-glare, 100% DCI-P3, 120Hz, Eyesafe®, TÜV Low Blue Light

Color Calibration

TCON Color Calibration

Keyboard

Backlit, German

Case Color

Black

Case Material

Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)^[4]

325.5 x 227.6 x 18.5 mm (12.81 x 8.96 x 0.73 inches)

Weight^[5]

Starting at 1.61 kg (3.55 lbs)

SOFTWARE

Operating System

Windows® 11 Pro, German

Bundled Software

Intel® Connectivity Performance Suite

CONNECTIVITY

Ethernet

100/1000M (RJ-45)

WLAN + Bluetooth^[6]

Intel® Wi-Fi® 6E AX211, 11ax 2x2 + BT5.3

Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Security keyhole

Optional Ports (configured)

1x Smart Card Reader

Docking

Various docking solutions supported via Thunderbolt™ or USB-C®.

For more compatible docking solutions, please visit .

[Docking for ThinkPad® P14s Gen 5 \(Intel®\)](#)

SECURITY & PRIVACY

Smart Card Reader

Smart Card Reader

Security Chip

Discrete TPM 2.0 Enabled

Fingerprint Reader

Touch Style, Match-on-Chip, Integrated in Power Button

Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

Other Security

- IR camera for Windows® Hello (facial recognition)
- Ultrasonic Human Presence Detection for IR camera
- Camera privacy shutter
- Bottom cover tamper detection

MANAGEABILITY

System Management

Intel® vPro® Enterprise

SERVICE

Base Warranty

3-year, Courier or Carry-in

Included Upgrade

1Y Premier Support from 3Y Depot Windchill bundles (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

CERTIFICATIONS

Green Certifications^[7]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- RoHS compliant
- TCO Certified 9.0

Other Certifications

- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light

Mil-Spec Test

MIL-STD-810H military test passed

ISV Certifications

Please visit [ISV certifications for Lenovo® Workstations](#)

MODEL

TopSeller : Yes **Announce Date** : 2024-05-21

EAN / UPC / JAN : 0198153399321 **End of Support** : 2030-12-28

Note:

^[1] Intel Arc graphics only available on select H-series Intel Core Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel Graphics.

^[2] 48GB memory module will be available in June 2024. Maximum memory at launch is 64GB (2x 32GB).

^[3] The storage capacity supported is based on the test.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2494?M=21G2000SGE>

Premier Support - A direct 24x7x365 line to our most elite technicians.



Advanced technical support, 24x7x365, in more than 100 markets



Technical Account Managers for proactive relationship and escalation management



Comprehensive hardware & OEM software support



Priority on service delivery and repair parts



Single point of contact for simplified end-to-end case management



Lenovo Service Connect Portal for customized reporting and product support

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 Services

BEST	3Y Premier Support upgrade from 1Y Premier Support (5WS1H31745)
BETTER	2Y Premier Support upgrade from 1Y Premier Support (5WS1H31781)
GOOD	3Y Sealed Battery Add On (5WS1H31713)

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>



PSREF
Product Specifications
Reference