PERFORMANCE

Processor[1]
Intel® Core™ Ultra 7 165H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 5.0GHz, 24MB

NPU
Intel® AI Boost integrated in Intel® Core™ Ultra processor

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
1TB 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″ WQXGA (2560x1600) IPS 350nits Anti-glare, 100% sRGB, 90Hz, Eyesafe®, TÜV Low Blue Light

Color Calibration
Factory 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, 802.11ax 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	: 0198153395064	**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......

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2494?M=21G2000JGE