## PERFORMANCE

**Processor**
Intel® Core™ Ultra 7 155H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 4.8GHz, 24MB

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

**Graphics[1]**
Integrated Intel® Arc™ Graphics

**Chipset**
Intel® SoC Platform

**Memory**
2x 16GB SO-DIMM DDR5-5600 Non-ECC

**Memory Slots**
Two DDR5 SO-DIMM slots, dual-channel capable

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

**Storage**
1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

**Storage Support[2]**
Up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 4TB, 2TB each

**Storage Slot**
Two M.2 2280 PCIe® 4.0 x4 slots

**Card Reader**
SD Express 7.0 Card Reader

**Audio Chip**
High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**
Stereo speakers, 2W x2, Dolby Audio™ Premium

**Camera**
5.0MP + IR with Privacy Shutter and Human Presence Detection

**Microphone**
2x, Array

**Battery**
Integrated 90Wh

**Power Adapter**
135W Slim Tip (3-pin)

## DESIGN

**Display**
16″ WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, Eyesafe®, TÜV Low Blue Light, Touch

**Touchscreen**
On-cell, 10-point Multi-touch

**Keyboard**
Backlit, German

**Case Color**
Black

**Case Material**
PC-ABS (Top), PC-ABS (Bottom)

**Pen**
No Support

**Dimensions (WxDxH)[3]**
365 x 262 x 24.66 mm (14.37 x 10.32 x 0.97 inches)

**Weight[4]**
Starting at 2.22 kg (4.90 lbs)

## SOFTWARE

**Operating System**
Windows® 11 Pro, German

## CONNECTIVITY

**Ethernet**
100/1000M (RJ-45)

**WLAN + Bluetooth®[5]**
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3

**WWAN**
WWAN Upgradable to 4G or 5G

**Standard Ports**
• 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 8K/60Hz
• 1x Headphone / microphone combo jack (3.5mm)
• 1x Ethernet (RJ-45)
• 1x SD Express 7.0 card reader
• 1x Security keyhole

**Optional Ports (configured)**
1x Nano-SIM Card Slot

**Docking**
Various docking solutions supported via Thunderbolt™ or USB-C®.
For more compatible docking solutions, please visit
Docking for ThinkPad® P16v Gen 2

## SECURITY & PRIVACY

**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**
• Camera privacy shutter (camera models)
• IR camera for Windows® Hello (facial recognition)
• Ultrasonic Human Presence Detection for IR camera

## MANAGEABILITY

**System Management**
Non-vPro®

## 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[6]**
• 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** | : 2024-04-23 |
| **EAN / UPC / JAN** | : 0197530870248 | **End of Support** | : 2030-11-23 |

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] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[3] The system dimensions may vary depending on......
· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2485?M=21KX000DGE