PERFORMANCE

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

AI PC Category
AI-Ready Workstations

NPU
Integrated Intel® AI Boost, up to 11 TOPS

Graphics
NVIDIA® RTX 2000 Ada Generation 8GB 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
Up to 96GB (2x 48GB DDR5 SO-DIMM)

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

Storage Support[1]
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
170W Slim Tip (3-pin)

DESIGN

Display
16″ WUXGA (1920x1200) IPS 400nits Anti-glare, 100% sRGB, TÜV Low Blue Light

Keyboard
Backlit, German

Case Color
Black

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

Pen
Pen Not Supported

Dimensions (WxDxH)[2]
365 x 262 x 24.66 mm (14.37 x 10.32 x 0.97 inches)

Weight[3]
Starting at 2.22 kg (4.90 lbs)

SOFTWARE

Operating System
Windows® 11 Pro, German

CONNECTIVITY

Ethernet
100/1000M (RJ-45)

WLAN + Bluetooth®[4]
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3

WWAN
Non-WWAN

Standard Ports
• 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
• 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

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

Other Certifications
TÜV Rheinland® Low Blue Light

Mil-Spec Test
MIL-STD-810H military test passed

ISV Certifications
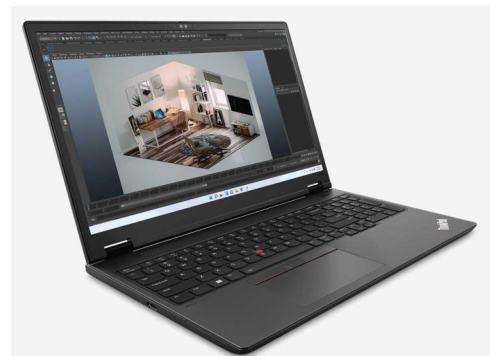Please visit ISV certifications for Lenovo® Workstations

MODEL

TopSeller	: Yes	Announce Date	: 2024-07-28
EAN / UPC / JAN	: 0198154996154	End of Support	: 2030-11-23

Product image is a sample, it may not match the real color of this model

Note:
[1] 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/2485?M=21KX003LGE