PERFORMANCE

Processor
Intel® Core™ i9-13980HX, 24C (8P + 16E) / 32T, P-core 2.2 / 5.6GHz, E-core 1.6 / 4.0GHz, 36MB

Graphics
NVIDIA® RTX 4000 Ada Generation 12GB GDDR6 ECC

Chipset
Intel WM790 Chipset

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

Memory Slots
Four DDR5 SO-DIMM slots, dual-channel capable

Max Memory
Up to 192GB (4x 48GB DDR5 SO-DIMM)

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

Storage Support[7]
Up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 8TB, 4TB each
• RAID 0/1 support

Storage Slot
Two M.2 2280 PCIe 4.0 x4 slots

Card Reader
SD 7.0 Card Reader

Audio Chip
High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers
Stereo speakers, 2W x2, Dolby® Atmos®

Camera
FHD 1080p + IR Hybrid with Privacy Shutter and Human Presence Detection

Microphone
2x, Array

Battery
Integrated 94Wh

Power Adapter
230W Slim Tip (3-pin)

DESIGN

Display
16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 165Hz, Eyesafe®

Color Calibration
Factory Color Calibration

Keyboard
Backlit, German

Case Color
Storm Grey (Top), Villi Black (Bottom)

Case Material
Aluminium (Top), PPS + 50% GF (Bottom)

Pen
No Support

Dimensions (WxDxH)[8]
364 x 266 x 30.23 mm (14.3 x 10.5 x 1.2 inches)

Weight[9]
Starting at 2.95 kg (6.5 lbs)

SOFTWARE

Operating System
Windows® 11 Pro, German

CONNECTIVITY

Ethernet
No Onboard Ethernet

WLAN + Bluetooth®[10][11]
Intel Wi-Fi® 6E AX211, 11ax 2x2 + BT5.1

WWAN
WWAN Upgradable to 4G

Standard Ports[12]
• Models with NVIDIA graphics: 1x HDMI® 2.1, up to 8K/60Hz
• 2x USB 3.2 Gen 1 (one Always On)
• 1x USB-C® 3.2 Gen 2 (support data transfer and Power Delivery 3.0)
• 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
• 1x Headphone / microphone combo jack (3.5mm)
• 1x SD Express 7.0 card reader

Optional Ports (configured)
• 1x Smart Card Reader
• 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® P16 Gen 2

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
• Human Presence Detection
• Ultrasonic Human Presence Detection for IR camera
• Camera privacy shutter
• Bottom cover tamper detection
• IR camera for Windows® Hello

MANAGEABILITY

System Management
Non-vPro®

SERVICE

Base Warranty
3-year, Courier or Carry-in

Included Upgrade
CO2 Offset 0.5 ton, 3Y Premier TP WS WHB (CPN)

CERTIFICATIONS

Green Certifications[13][14]
• ENERGY STAR® 8.0
• EPEAT™ Gold Registered
• TCO Certified 9.0
• RoHS compliant

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	: 2023-05-30
EAN / UPC / JAN	: 0197529528570	End of Support	: 2029-12-30

To see more note information, please link to
https://psref.lenovo.com/Detail/ThinkPad_P16_Gen_2?M=21FA0005GE.