



PERFORMANCE

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

AI PC Category^[1]
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
1x 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 NVMe® Opal 2.0

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

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

RAID Preset
None

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

Microphone
2x, Array

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

Battery
90Wh

Power Adapter
170W Slim Tip (3-pin)

DESIGN

Display
16'' WQUXGA (3840x2400) IPS 800nits Anti-glare, 100% DCI-P3, DisplayHDR™ 400, Dolby Vision®, Eyesafe®, TÜV Low Blue Light

Touchscreen
None

Color Calibration
Factory Color Calibration

Pen
Pen Not Supported

Keyboard
Backlit, Nordic (DK/FI/NO/SV)

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)

Case Color
Black

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

SOFTWARE

Operating System
Windows® 11 Pro, Nordic (DK/FI/SV/NO/EN)

Bundled Software
Intel® Connectivity Performance Suite

CONNECTIVITY

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

WWAN
Quectel RM520N-GL, 5G Sub-6 GHz, with Embedded eSIM

SIM Card
None

Ethernet
100/1000M (RJ-45)

NFC
NFC

Standard Ports
• 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
• 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with DisplayPort™ 2.1
• 1x HDMI® 2.1, up to 8K/60Hz
• 1x Headphone / microphone combo jack (3.5mm)
• 1x Ethernet (GbE 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

Physical Locks
Kensington® Nano Security Slot, 2.5 x 6 mm

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

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

MANAGEABILITY

System Management
Intel® vPro® Enterprise

SERVICE

Base Warranty
1-year, Courier or Carry-in

ACCESSORIES

CERTIFICATIONS

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

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

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

Other Certifications
• Eyesafe® Certified 2.0
• TÜV Rheinland® Low Blue Light

MODEL

TopSeller : No **EAN / UPC / JAN:** 0198153190492
Announce Date: 2024-04-23 **End of Support** : 2030-11-23
· Lenovo reserves the right to change specifications without notice. To see more note information, please access the [web page](#).

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

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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 Accessories



Lenovo Legion 17" Gaming Backpack GB800 (Black) GX41U39299



Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams) 4XD1S19778

Please click [here](#) to view the full list of accessories.

Recommended Services

BEST	3Y Premier Support Plus upgrade from 1Y Courier/Carry-in (5WS1L39541)
BETTER	3Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS1H31786)
GOOD	3Y Courier/CCI upgrade from 1Y Courier/CCI (5WS1H31731)