

PERFORMANCE

Processor^[1]

Intel® Core™ i7-12800H, 14C (6P + 8E) / 20T, P-core 2.4 / 4.8GHz, E-core 1.8 / 3.7GHz, 24MB

Graphics

NVIDIA® RTX A1000 4GB GDDR6

Chipset

Intel® SoC Platform

Memory

1x 16GB SO-DIMM DDR5-4800 Non-ECC

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory

Up to 64GB DDR5-4800

Storage

512GB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

Storage Support^[2]

Models with integrated graphics or NVIDIA® RTX A1000/A2000: up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 8TB, 4TB each
- RAID 0/1 support

Storage Slot

Models with Intel® integrated graphics or NVIDIA® RTX A1000/A2000: two M.2 2280 PCIe® 4.0 x4 slots

RAID Preset

None

Card Reader

SD 7.0 Card Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, 2W x2, optimized with Dolby Atmos®

Camera

FHD 1080p + IR with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 90Wh

Power Adapter

170W Slim Tip (3-pin)

DESIGN

Display^[3]

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

Touchscreen

None

Color Calibration

Factory Color Calibration

Keyboard

Backlit, English (UK)

Case Color

Black

Case Material

CFRP / GFRP Hybrid (top), Aluminium (bottom)

Pen

No Support

Dimensions (WxDxH)^[4]

359.5 x 253.8 x 17.7 mm (14.15 x 9.99 x 0.7 inches)

Weight^[5]

Starting at 1.81 kg (3.99 lbs)

SOFTWARE

Operating System

Windows® 11 Pro, English

Bundled Software

None

CONNECTIVITY

Ethernet^[6]

No Onboard Ethernet

WLAN + Bluetooth^[7]

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.1

WWAN

None

SIM Card

None

NFC

None

Standard Ports

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

Optional Ports (configured)

None

Docking

Various docking solutions supported via Thunderbolt™ or USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkPad® P1 Gen 5](#)

SECURITY & PRIVACY

Smart Card Reader

No 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

- Camera privacy shutter (camera models)
- IR camera for Windows® Hello (facial recognition)
- Bottom cover tamper detection

MANAGEABILITY

System Management^[8]

Intel® vPro® Enterprise

SERVICE

Base Warranty

3-year, Courier or Carry-in

Included Upgrade

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

ACCESSORIES

Bundled Accessories^[9]

None

CERTIFICATIONS

Green Certifications^[10]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- RoHS compliant

Mil-Spec Test

MIL-STD-810H military test passed

ISV Certifications

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

MODEL

TopSeller	: Yes	Announce Date	: 2023-12-12
EAN / UPC / JAN	: 0197531722980	End of Support	: 2028-11-26

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2002?M=21DC006UUK>

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



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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories



ThinkPad Professional 15.6-inch Backpack 4X40Q26383

The Lenovo ThinkPad Professional Backpack is a streamlined yet versatile backpack for the on-the-go professional. This clean, modern design carries, protects, and organizes your mobile office, while premium, lightweight...

Recommended Services

BEST

5Y Premier Support Plus upgrade from 3Y Premier Support CPN (5WSIL39088)

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>

Lenovo

PSREF
Product Specifications
Reference