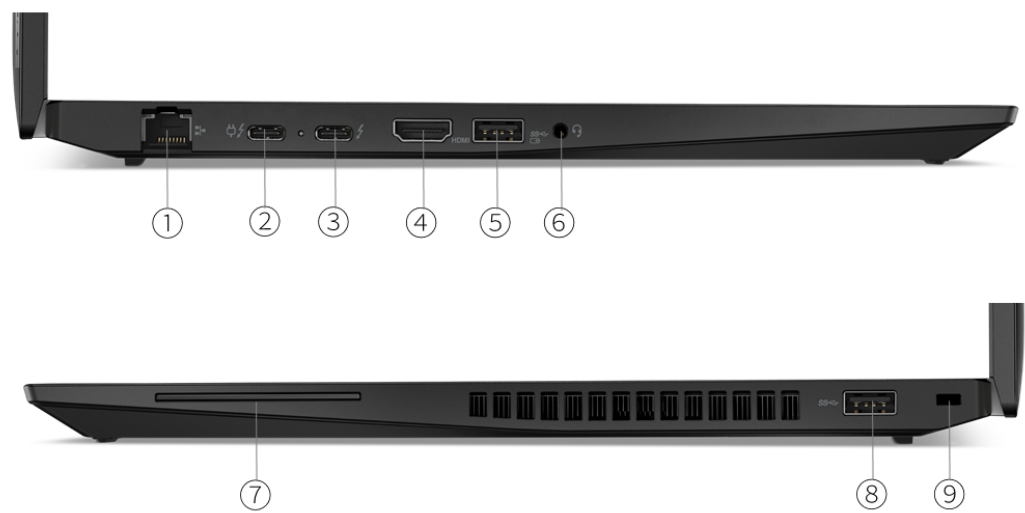


OVERVIEW



1. Ethernet (RJ-45)	6. Headphone / microphone combo jack (3.5mm)
2. Thunderbolt 4	7. Smart card reader *
3. Thunderbolt 4	8. USB 3.2 Gen 1
4. HDMI	9. Security keyhole
5. USB 3.2 Gen 1 (Always On)	

Notes:

- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

12th Generation P series Intel® Core™ i5 / i7 processor, supports up to 14 cores, up to 4.8GHz

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Core i5-1240P	12 (4 P-core + 8 E-core)	16	P-core 1.7GHz / E-core 1.2GHz	P-core 4.4GHz / E-core 3.3GHz	12MB	Intel Iris® Xe Graphics
Core i5-1250P	12 (4 P-core + 8 E-core)	16	P-core 1.7GHz / E-core 1.2GHz	P-core 4.4GHz / E-core 3.3GHz	12MB	Intel Iris Xe Graphics
Core i7-1260P	12 (4 P-core + 8 E-core)	16	P-core 2.1GHz / E-core 1.5GHz	P-core 4.7GHz / E-core 3.4GHz	18MB	Intel Iris Xe Graphics
Core i7-1270P	12 (4 P-core + 8 E-core)	16	P-core 2.2GHz / E-core 1.6GHz	P-core 4.8GHz / E-core 3.5GHz	18MB	Intel Iris Xe Graphics
Core i7-1280P	14 (6 P-core + 8 E-core)	20	P-core 1.8GHz / E-core 1.3GHz	P-core 4.8GHz / E-core 3.6GHz	24MB	Intel Iris Xe Graphics

Operating System

Operating System**

- Red Hat Enterprise Linux 8.6 (certified only, for detailed and latest information, please visit [Red Hat Certified Hardware](#))
- Ubuntu Linux LTS
- Windows® 10 Home 64 Single Language
- Windows 11 DG Windows 10 Pro 64
- Windows 11 Home
- Windows 11 Home Single Language
- Windows 11 Pro

Graphics

Graphics**

Graphics	Type	Memory	TGP	Key Features
Intel Iris Xe Graphics ^[1]	Integrated	Shared	Share CPU TDP	DirectX® 12.1
NVIDIA® T550 Laptop GPU	Discrete	4GB GDDR6	30W	DirectX 12

Notes:

[1] Intel Iris Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel Iris Xe Graphics will function as Intel UHD Graphics.

Monitor Support

Monitor Support

Supports up to 4 independent displays (native display and 3 external monitors via HDMI® and Thunderbolt™)

- HDMI supports up to 3840x2160@60Hz
- Thunderbolt supports up to 7680x4320@60Hz

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory

- Up to 40GB (8GB soldered + 32GB SO-DIMM) DDR4-3200
- Up to 48GB (16GB soldered + 32GB SO-DIMM) DDR4-3200

Memory Slots

One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

Memory Type

DDR4-3200 non-ECC

Storage

Storage Support^[1]

One drive, up to 2TB M.2 2280 SSD

Storage Slot

One M.2 2280 PCIe® 4.0 x4 slot

Storage Type^{**[2]}

Disk Type	Interface	Offering	Security
M.2 2280 SSD	PCIe NVMe®, PCIe 4.0 x4 Performance	512GB / 1TB / 2TB	Opal 2.0
M.2 2280 SSD	PCIe NVMe, PCIe x4	256GB / 512GB / 1TB	Opal 2.0

Notes:

- [1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.
- [2] PCIe x4 SSD may be PCIe 3.0 x4 or PCIe 4.0 x4 as substitution.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, Dolby® Audio™

Microphone

- Dual-microphone array, Dolby Voice
- No microphone

Camera^{**}

- FHD 1080p + IR, with privacy shutter, fixed focus
- FHD 1080p, with privacy shutter, fixed focus
- HD 720p, with privacy shutter, fixed focus
- No camera

Battery

Battery^{**}

- Integrated Li-Polymer 39.3Wh battery, supports Rapid Charge (charge up to 80% in 1hr)
- Integrated Li-Polymer 52.5Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Power Adapter

Power Adapter^{**[1]}

- 65W USB-C® (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C slim (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C slim (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 100W USB-C slim (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- No power adapter

Notes:

- [1] AC adapter offerings depend on the country.

DESIGN

Display

Display**^[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)	Key Features
14"	WUXGA (1920x1200)	Multi-touch	IPS	300nits	Anti-glare	16:10	800:1	45% NTSC	85°/85°/85°/85°	84% screen to body ratio, DC dimming
14"	WUXGA (1920x1200)	None	IPS	300nits	Anti-glare	16:10	800:1	45% NTSC	85°/85°/85°/85°	84% screen to body ratio, DC dimming
14"	WUXGA (1920x1200)	None	IPS	400nits	Anti-glare	16:10	1000:1	100% sRGB	85°/85°/85°/85°	ICC Template color calibration, Low Blue Light, TÜV Eye Comfort, 84% screen to body ratio, DC dimming
14"	WUXGA (1920x1200)	Multi-touch	IPS	500nits	Anti-glare	16:10	1000:1	100% sRGB	85°/85°/85°/85°	ThinkPad® Privacy Guard, 84% screen to body ratio, DC dimming
14"	2.2K (2240x1400)	None	IPS	300nits	Anti-glare	16:10	1500:1	100% sRGB	85°/85°/85°/85°	Low Blue Light, TÜV Eye Comfort, 84% screen to body ratio, DC dimming
14"	WQUXGA (3840x2400)	Add-on Film Touch	IPS	500nits	Anti-reflection, anti-smudge	16:10	1500:1	100% DCI-P3	85°/85°/85°/85°	Dolby Vision™, HDR 400, X-Rite® Factory Color Calibration (ΔE<2), Low Blue Light, TÜV Eye Comfort, 84% screen to body ratio, DC dimming

Color Calibration**

- X-Rite factory color calibration
- ICC Template color calibration
- No color calibration

Touchscreen**

- Add-on Film Touch, supports 10-point touch
- On-cell multi-touch, supports 10-point touch
- Non-touch

Notes:

^[1] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Input Device

Keyboard

6-row, spill-resistant, multimedia Fn keys with Unified Communications controls

Keyboard Backlight

- LED backlight
- Non-backlight

UltraNav™

3-button TrackPoint® pointing device and glass-like Mylar® surface multi-touch touchpad, 61 x 115 mm (2.4 x 4.53 inches)

Mechanical

Dimensions (WxDxH)^[1]

Models	Dimensions
Models with black cover and integrated graphics	317.7 x 226.9 x 17.9 mm (12.51 x 8.93 x 0.7 inches)
Models with black cover and NVIDIA T550 graphics	317.7 x 226.9 x 17.95 mm (12.51 x 8.93 x 0.707 inches)
Models with gery cover	317.7 x 227.36 x 17.9 mm (12.51 x 8.95 x 0.7 inches)

Weight^{[2][3]}

Models	Weight
Model with black cover	Starting at 1.38 kg (3.05 lbs)
Model with storm grey	Starting at 1.5 kg (3.31 lbs)

Case Color**

- Black
- Storm grey

Case Material**

- Models with black cover and integrated graphics: PC 50% GF + PC 20% CF (top), PPS (bottom)
- Models with black cover and discrete graphics: PC 50% GF + PC 20% CF (top), aluminium (bottom)
- Models with grey cover: aluminium (top), PPS (bottom)

Notes:

- [1] The system dimensions may vary depending on configurations.
- [2] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
- [3] Starting weight is based on minimal configuration (integrated graphics, lowest capacity battery, no WWAN, etc).

CONNECTIVITY

Network

Ethernet**

- Gigabit Ethernet, Intel Ethernet Connection I219-LM (vPro® models), 1x RJ-45, supports Wake-on-LAN
- Gigabit Ethernet, Intel Ethernet Connection I219-V (non-vPro models), 1x RJ-45, supports Wake-on-LAN

WLAN + Bluetooth®**^[1]

- Qualcomm® Wi-Fi® 6E NFA725A, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1
- Intel Wi-Fi 6E AX211, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1 (Bluetooth 5.3 hardware ready)

WWAN**

- Wireless WAN upgradable to 4G (with antenna ready)
- Quectel EM05-G, 4G LTE CAT4, M.2 card
- Fibocom L860-GL-16, 4G LTE CAT16, M.2 card
- No support

SIM Card

- Gemalto eSIM card (physical)
- No physical SIM card inbox

NFC

- Near Field Communication
- No support

Notes:

[1] Bluetooth 5.3 is hardware ready but may run at a lower version due to OS limitations.

Ports^[1]

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™ 2.0)
- 1x HDMI 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Security keyhole

Optional Ports

- 1x Smart card reader
- 1x Nano-SIM card slot (WWAN support models)

Notes:

[1] The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.

USB 2.0: 480 Mbit/s;

USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;

USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;

USB4 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

USB4 40Gbps (USB 40Gbps): 40 Gbit/s;

Thunderbolt 3/4: 40 Gbit/s.

Docking

Docking

Various docking solutions supported via Thunderbolt or USB-C.

For more compatible docking solutions, please visit [Docking for ThinkPad P14s Gen 3](#)

Monitor Cable

Monitor Cable**

- Lenovo HDMI to VGA Monitor Adapter
- Lenovo USB-C to VGA Adapter
- Lenovo USB-C to DisplayPort Adapter
- No monitor cable

SECURITY & PRIVACY

Security

Security Chip

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

Smart Card Reader

- Smart card reader
- No smart card reader

Fingerprint Reader

- Touch style fingerprint reader integrated in power button, match-on-chip
- No fingerprint reader

BIOS Security

- Power-on password
- Supervisor password
- NVMe password
- Self-healing BIOS

Other Security

- (Optional) Camera privacy shutter

- (Optional) IR camera for Windows Hello

MANAGEABILITY

System Management

System Management^[1]

- Intel vPro Enterprise
- Non-vPro

Notes:

[1] Intel vPro offers a superset of DASH's defined capabilities.

SERVICE

Warranty

Base Warranty**

- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 1-year limited onsite service
- 3-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) limited onsite service
- No base warranty

ENVIRONMENTAL

Sustainability

Material

97% PCC recycled plastic used in speaker enclosure
97% PCC recycled plastic used in the battery
95% PCC recycled plastic used in standard 65W adapter
Low-temperature solder
90% recycled and/or sustainable packaging

Operating Environment

Temperature^[1]

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage and transportation in original shipping package: -20°C (-4°F) to 60°C (140°F)
- Storage without package: 5°C (41°F) to 43°C (109°F)

Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage and transportation: 5% to 95% at wet-bulb temperature 27°C (81°F)

Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

Notes:

[1] When you charge the battery, its temperature must be no lower than 10°C (50°F).

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered^[3]
- RoHS compliant
- TCO Certified 9.0

Notes:

- [1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.
- [2] EPEAT registration and ENERGY STAR certification are dependent on system OS. Please visit epeat.net and energystar.gov for more information.
- [3] EPEAT is registered where applicable, please see epeat.net for registration status by country.

Other Certifications**Mil-Spec Test**

MIL-STD-810H military test passed

Other Certifications

- (Optional) TÜV Rheinland® Eye Comfort Certification
- (Optional) TÜV Rheinland Low Blue Light

ISV Certifications**ISV Certifications**

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

- Feature with ** means that only one offering listed under the feature is configured on selected models.
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