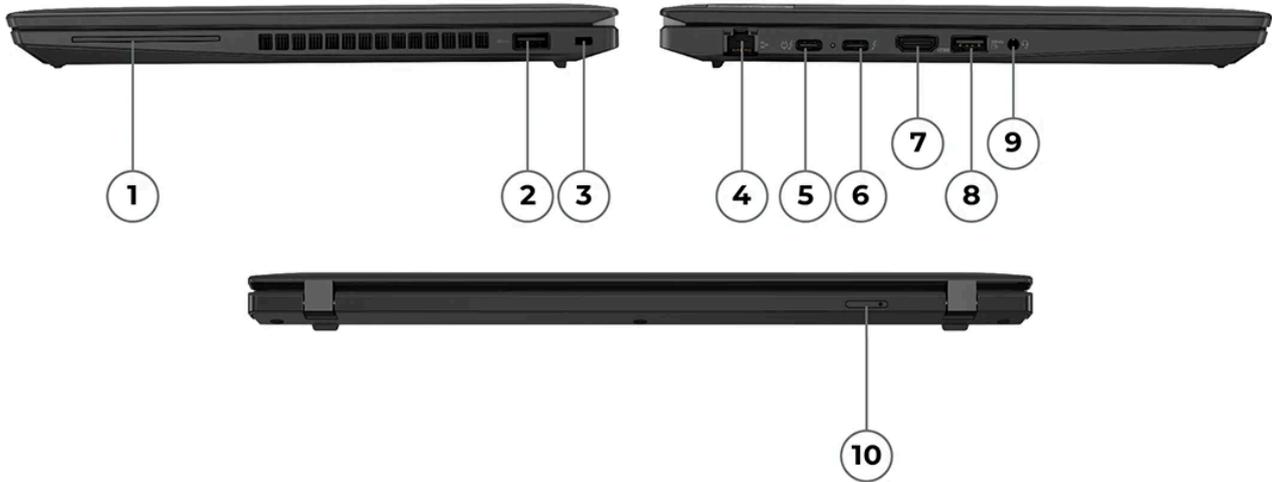


OVERVIEW



| | |
|----------------------------------|--|
| 1. Smart card reader * | 6. Thunderbolt 4 |
| 2. USB 3.2 Gen 1 | 7. HDMI |
| 3. Kensington Nano Security Slot | 8. USB 3.2 Gen 1 (Always On) |
| 4. Ethernet (RJ-45) | 9. Headphone / microphone combo jack (3.5mm) |
| 5. Thunderbolt 4 | 10. Nano-SIM card slot * |

Notes:

- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

13th Generation Intel® U or P Series Core i5 / i7 Processor

Processor**^[1]

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Processor Graphics |
|----------------|--------------------------|---------|-------------------------------|-------------------------------|-------|--------------------------|
| Core i5-1335U | 10 (2 P-core + 8 E-core) | 12 | P-core 1.3GHz / E-core 0.9GHz | P-core 4.6GHz / E-core 3.4GHz | 12MB | Intel® Iris® Xe Graphics |
| Core i5-1340P | 12 (4 P-core + 8 E-core) | 16 | P-core 1.9GHz / E-core 1.4GHz | P-core 4.6GHz / E-core 3.4GHz | 12MB | Intel® Iris® Xe Graphics |
| Core i5-1345U | 10 (2 P-core + 8 E-core) | 12 | P-core 1.6GHz / E-core 1.2GHz | P-core 4.7GHz / E-core 3.5GHz | 12MB | Intel® Iris® Xe Graphics |
| Core i5-1350P | 12 (4 P-core + 8 E-core) | 16 | P-core 1.9GHz / E-core 1.4GHz | P-core 4.7GHz / E-core 3.5GHz | 12MB | Intel® Iris® Xe Graphics |
| Core i7-1355U | 10 (2 P-core + 8 E-core) | 12 | P-core 1.7GHz / E-core 1.2GHz | P-core 5.0GHz / E-core 3.7GHz | 12MB | Intel® Iris® Xe Graphics |
| Core i7-1360P | 12 (4 P-core + 8 E-core) | 16 | P-core 2.2GHz / E-core 1.6GHz | P-core 5.0GHz / E-core 3.7GHz | 18MB | Intel® Iris® Xe Graphics |
| Core i7-1365U | 10 (2 P-core + 8 E-core) | 12 | P-core 1.8GHz / E-core 1.3GHz | P-core 5.2GHz / E-core 3.9GHz | 12MB | Intel® Iris® Xe Graphics |
| Core i7-1370P | 14 (6 P-core + 8 E-core) | 20 | P-core 1.9GHz / E-core 1.4GHz | P-core 5.2GHz / E-core 3.9GHz | 24MB | Intel® Iris® Xe Graphics |

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.
Intel® P series processors are for special bid only.

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 DG Windows® 10 Pro 64
- Ubuntu Linux^[1]
- Linux^[2]
- No preload operating system

Notes:

[1], [2] Some features may not be supported on the system with Linux preload, including but not limited to Intel® RST RAID, MIPI computer vision camera, WWAN, Human Presence Detection, etc.

Graphics

Graphics**

| Graphics | Type | Memory | Key Features |
|---|------------|-----------|---------------|
| Intel® Iris® Xe Graphics ^[1] | Integrated | Shared | DirectX® 12.1 |
| NVIDIA® GeForce MX550 ^[2] | Discrete | 4GB GDDR6 | 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.

[2] Discrete graphics is available only with Intel® P series processors.

Monitor Support

Monitor Support^[1]

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

- HDMI® supports up to 4K@60Hz
- Thunderbolt™ supports up to 5K@60Hz

Notes:

[1] Refresh rates >60hz also supported, however max resolution will be limited.

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory^[1]

- Models with DDR4 memory: up to 40GB (8GB soldered + 32GB SO-DIMM) DDR4-3200
- Models with DDR5 memory: up to 32GB (16GB soldered + 16GB SO-DIMM) DDR5-5200
- Models with 16GB LPDDR5x: 16GB soldered memory, not upgradable
- Models with 32GB LPDDR5x: 32GB soldered memory, not upgradable

Memory Slots**

- Models with DDR4 memory: one memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable
- Models with DDR5 memory: one memory soldered to systemboard, one DDR5 SO-DIMM slot, dual-channel capable
- Models with LPDDR5x memory: memory soldered to systemboard, no slots, dual-channel

Memory Type**

- DDR4-3200 (models with integrated graphics)
- DDR5-5200 (models with integrated graphics)^[2]
- LPDDR5x-4800 (models with discrete graphics)^[3]

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.

[2] Installed memory is actually DDR5-5600 but runs as DDR5-5200 due to platform limitation.

[3] Installed memory is actually LPDDR5x-7500 but runs as LPDDR5x-4800 due to platform limitation.

Storage

Max 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**

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

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

Removable Storage

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby Audio™

Microphone

- Dual-microphone array, 360° far-field, Dolby Voice®
- No microphone^[1]

Camera**

- HD 720p, with privacy shutter, fixed focus
- FHD 1080p + IR hybrid, with privacy shutter, fixed focus
- 5.0MP + IR discrete, with privacy shutter, fixed focus
- No camera^[2]

Notes:

[1] No microphone is for special bid only.

[2] No camera is for special bid only.

Battery

Battery**^[1]

- 39.3Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
- 52.5Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

Battery Life^[2]

Configuration 1 (max battery life)

MobileMark® 25: up to 9.5 hr @250nits

JEITA 2.0: up to 21.7 hr @150nits

Local video playback: up to 17.5 hr @150nits

Alternate configuration 2

MobileMark® 25: up to 9.2 hr @250nits

JEITA 2.0: up to 20.3 hr @150nits

Local video playback: up to 17.0 hr @150nits

Alternate configuration 3

MobileMark® 25: up to 7.2 hr @250nits

JEITA 2.0: up to 12.9 hr @150nits

Local video playback: up to 11.7 hr @150nits

Notes:

[1] Rapid charge is only guaranteed when the computer is turned off or in standby mode or in hibernation mode. When the computer is powered on, the Charge Time will vary depending on system power consumption and AC adapter power.

[2] Configuration 1 (max battery life): WUXGA low power (non-touch), Intel® i5-1335U, 16GB soldered DDR5, Win 11, 52.5Wh battery, best power efficiency power mode

Alternate configuration 2: WUXGA low power (non-touch), Intel® i5-1340P, 16GB soldered DDR5, Win 11, 52.5Wh battery, best power efficiency power mode

Alternate configuration 3: WUXGA (touch), Intel® i5-1350P, 16GB soldered DDR5, Win 11, 52.5Wh battery, best power efficiency power mode

All battery life claims are approximate maximum and based on results using [MobileMark® 25](#), JEITA 2.0, continuous 1080p local video playback (using default Media Player in Fullscreen mode with 150nits brightness and default volume level), or Google Power Load Test (PLT) battery-life benchmark tests.

Actual battery life will vary depending on many factors such as product configuration, software, wireless functionality, power management settings, and screen brightness.

The maximum capacity of the battery will decrease with time, ambient temperature and use.

Refer to [Microsoft® link](#) for more information about the Windows® Performance power slider.

Power Adapter

Power Adapter**^[1]

- 45W USB-C® (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 45W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 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
- No power adapter^[2]

Notes:

- [1] AC adapter offerings depend on the country.
[2] No power adapter is for special bid only.

DESIGN**Display****Display****

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle (L/R/U/D) | Key Features |
|------|-------------------|-------------|--------------------|------------|--|--------------|----------------|-------------|-------------------------|---|
| 14" | WUXGA (1920x1200) | Non-touch | IPS ^[1] | 300nits | Anti-glare | 16:10 | 700:1 | 45% NTSC | 85° / 85° / 85° / 85° | - |
| 14" | WUXGA (1920x1200) | Multi-touch | IPS ^[2] | 300nits | Anti-glare | 16:10 | 700:1 | 45% NTSC | 85° / 85° / 85° / 85° | - |
| 14" | WUXGA (1920x1200) | Non-touch | IPS ^[3] | 400nits | Anti-glare | 16:10 | 800:1 | 100% sRGB | 85° / 85° / 85° / 85° | Low power, Eyesafe® Certified 2.0 |
| 14" | WUXGA (1920x1200) | Multi-touch | IPS ^[4] | 500nits | Anti-glare | 16:10 | 1000:1 | 100% sRGB | 85° / 85° / 85° / 85° | ThinkPad® Privacy Guard |
| 14" | 2.2K (2240x1400) | Non-touch | IPS ^[5] | 300nits | Anti-glare | 16:10 | 1500:1 | 100% sRGB | 85° / 85° / 85° / 85° | Eyesafe® Certified 2.0 |
| 14" | 2.8K (2880x1800) | Non-touch | OLED | 400nits | Anti-glare, anti-reflection, anti-smudge | 16:10 | 100,000:1 | 100% DCI-P3 | 85° / 85° / 85° / 85° | DisplayHDR™ True Black 500, Dolby Vision®, Eyesafe® Certified 2.0 |

Touchscreen

- On-cell multi-touch, supports 10-point touch
- Non-touch

Notes:

- [1], [2], [3], [4], [5] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Input Device**Pen**

No support

Keyboard

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

Keyboard Backlight

- LED backlight
- Non-backlight

UltraNav™

TrackPoint® pointing device and glass-like Mylar® surface multi-touch 3-button Trackpad, 61 x 115 mm (2.40 x 4.53 inches)

Mechanical**Dimensions (WxDxH)^[1]**

317.7 x 226.9 x 17.9 mm (12.51 x 8.93 x 0.70 inches)

Weight^[2]

| Models | Weight |
|---|--------------------------------|
| Models with thunder black cover, integrated graphics and 39.3Wh battery | Starting at 1.32 kg (2.92 lbs) |
| Models with storm grey cover and 39.3Wh battery | Starting at 1.36 kg (3.0 lbs) |
| Models with thunder black cover, integrated graphics and 52.5Wh battery | Starting at 1.37 kg (3.01 lbs) |

| | |
|---|--------------------------------|
| Models with thunder black cover, discrete graphics and 39.3Wh battery | Starting at 1.38 kg (3.05 lbs) |
| Models with storm grey cover and 52.5Wh battery | Starting at 1.40 kg (3.09 lbs) |
| Models with thunder black cover, discrete graphics and 52.5Wh battery | Starting at 1.42 kg (3.14 lbs) |

Case Color**

- Storm grey
- Thunder black

Case Material**

- Storm grey models: aluminium (top), PPS (bottom)
- Thunder black models: carbon fiber hybrid (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.

CONNECTIVITY

Network

WLAN + Bluetooth®[1]**

- Qualcomm® Wi-Fi® 6E NFA725A, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3
- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3

WWAN**

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

SIM Card

No physical SIM card inbox

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

NFC

- Near Field Communication
- No support

Notes:

[1] Wi-Fi® 6E full features might be limited by country-level restrictions.

Wi-Fi® 6E is only enabled on Windows® 11 and operates as Wi-Fi® 6 with Windows® 10.

6GHz Wi-Fi® 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi® 6E, and the regional regulatory certifications & spectrum allocation.

Bluetooth® 5.3 operation requires Windows® 11. For more information please visit [General Bluetooth® Support Information on Microsoft®](#).

Ports^[1]

Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)

Optional Ports***

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

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™ / USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkPad® T14 Gen 4 \(Intel®\)](#)

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^[1]

- Smart card reader, supports ISO 7816 and EMV
- No smart card reader

Fingerprint Reader^[2]

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

BIOS Security

- NVMe® password
- Power-on password
- Supervisor password
- System management password
- Certificate-based BIOS authentication
- FIDO (Fast Identity Online) authentication
- Self-healing BIOS

Other Security

- Camera privacy shutter (camera models)
- Ultrasonic Human Presence Detection (IR camera models)
- (Optional) RFID reader^[3]
- (Optional) IR camera for Windows® Hello (facial recognition)
- Glance by Mirametrix®
- Privacy Guard with Privacy Alert (models with ThinkPad® Privacy Guard display)

Notes:

[1] Smart card reader is mutually exclusive with RFID reader.

[2] Fingerprint reader is standard on storm grey models and optional on thunder black models.

[3] RFID reader is mutually exclusive with smart card reader.

MANAGEABILITY

System Management

System Management**^[1]

- Intel® vPro® Enterprise^[2]
- Intel® vPro® Essentials^[3]

- Non-vPro®

Notes:

[1] All versions of the Intel® vPro® platform require an eligible Intel® processor, a supported operating system, Intel® LAN and/or WLAN silicon, firmware enhancements, and other hardware and software necessary to deliver the manageability use cases, security features, system performance, and stability that define the platform. See [Intel® vPro® Platform](#) for details.

[2], [3] 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

ACCESSORIES

Bundled Accessories

Bundled Accessories***[1]

- Lenovo® HDMI® to VGA Monitor Adapter
- Lenovo® USB-C® to DisplayPort™ Adapter
- Lenovo® USB-C® to Ethernet Adapter (1Gbps)
- Lenovo® USB-C® to VGA Adapter
- None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for ThinkPad® T14 Gen 4 \(Intel®\)](#).

OPERATING REQUIREMENTS

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)

Relative 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).

ENVIRONMENTAL

Sustainability

Material^[1]

55% recycled aluminium on storm grey top cover
90% recycled magnesium on keyboard frame

98% PCC recycled plastic used in speaker enclosure
Up to 30% PCC recycled plastic used in the 39.3Wh and 97% in 52.5Wh battery enclosure
90% PCC recycled plastic used in standard 45W and 65W adapters
Low-temperature solder
Standard packaging: 90% plastic free packaging
Bulk packaging: 90% recycled and FSC certified content

Notes:

[1] PCC: Post Consumer Content, recycled materials from customers.

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered^[3]
- ErP Lot 6/26
- 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. For ESG & regulatory compliance documents, please visit <https://compliance.lenovo.com>.

[2] EPEAT™ registration and ENERGY STAR® certification are optional and only available on the models with preloaded OS. Please visit epeat.net and energystar.gov for more information.

[3] EPEAT™ is registered where applicable, please visit epeat.net for registration status by country.

Other Certifications

Mil-Spec Test

MIL-STD-810H military test passed

Other Certifications

(Optional) Eyesafe® Certified 2.0

- Feature with ** means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
- Feature with *** means that one or more options listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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