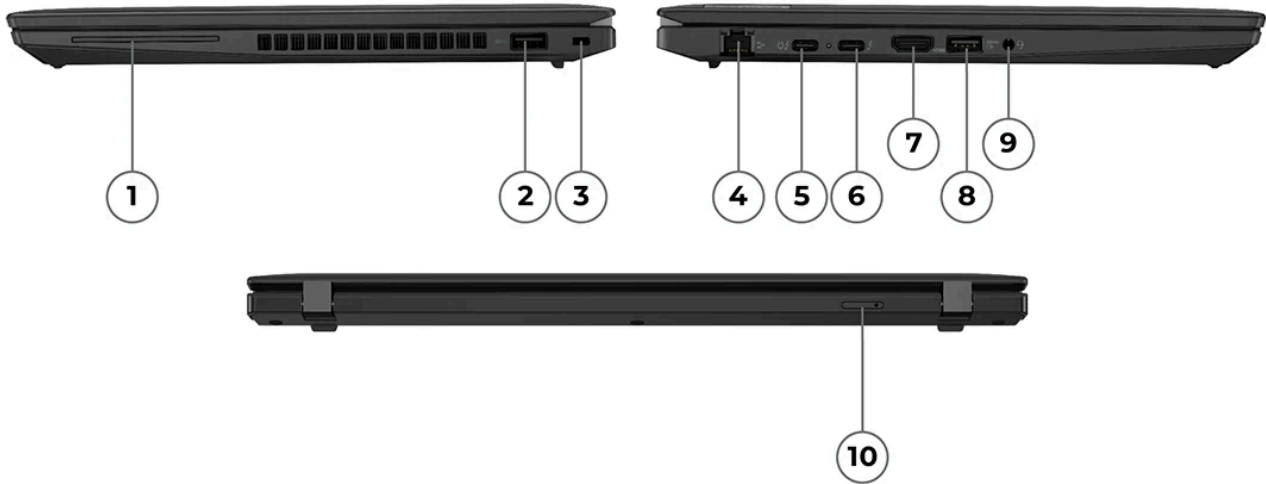


**OVERVIEW**



|                                  |  |
|----------------------------------|--|
| 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\*\*<sup>[1]</sup>

| 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:

- 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\*\*<sup>[1]</sup>

- Windows® 11 Pro
- Windows 11 Home
- Windows 11 Home Single Language
- Windows 11 DG Windows 10 Pro 64
- Linux
- Ubuntu Linux
- No operating system

#### Notes:

- 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 <sup>[1]</sup> | Integrated | Shared    | DirectX® 12.1 |
| NVIDIA® GeForce MX550                 | Discrete   | 4GB GDDR6 | DirectX 12    |

#### Notes:

- 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<sup>[1]</sup>

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

- Thunderbolt supports up to 5K@60Hz
- HDMI supports up to 4K@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<sup>[1]</sup>

- Models with 16GB LPDDR5x: 16GB soldered memory, not upgradable
- Models with 32GB LPDDR5x: 32GB soldered memory, not upgradable
- 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

### 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\*\*

- Models with integrated graphics: DDR4-3200 or DDR5-5200<sup>[2]</sup>
- Models with discrete graphics: LPDDR5x-6400<sup>[3]</sup>

Notes:

1. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.
2. Installed DDR5 memory is actually 5600MHz but run at 5200MHz due to platform limitation.
3. Installed LPDDR5x memory is actually 7500MHz but run at 6400MHz due to platform limitation.

## Storage

### Storage Support<sup>[1]</sup>

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. The system may support larger storage as the technology develops.

## 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<sup>[1]</sup>

## Camera\*\*

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

### Notes:

1. No microphone is for special bid only.
2. No camera is for special bid only.

## Battery

### Battery\*\*

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

### Battery Life<sup>[1]</sup>

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. 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 2018](#), [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\*\*<sup>[1]</sup>

- 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

### Notes:

1. AC adapter offerings depend on the country.

## Display

### Display\*\*<sup>[1][2]</sup>

| Size | Resolution        | Touch       | Type | Brightness | Surface                                    | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle (L/R/U/D) | Key Features   |
|------|-------------------|-------------|------|------------|--|--------------|----------------|-------------|-------------------------|--|
| 14"  | WUXGA (1920x1200) | None        | IPS  | 300 nits   | Anti-glare                                 | 16:10        | 700:1          | 45% NTSC    | 85°/85°/85°/85°         | -  |
| 14"  | WUXGA (1920x1200) | None        | IPS  | 400 nits   | Anti-glare                                 | 16:10        | 800:1          | 100% sRGB   | 85°/85°/85°/85°         | Low power, Eyesafe® Certified 2.0, ICC Template color calibration                                |
| 14"  | WUXGA (1920x1200) | Multi-touch | IPS  | 300 nits   | Anti-glare                                 | 16:10        | 700:1          | 45% NTSC    | 85°/85°/85°/85°         | -  |
| 14"  | WUXGA (1920x1200) | Multi-touch | IPS  | 500 nits   | Anti-glare                                 | 16:10        | 1000:1         | 100% sRGB   | 85°/85°/85°/85°         | ThinkPad® Privacy Guard  |
| 14"  | 2.2K (2240x1400)  | None        | IPS  | 300 nits   | Anti-glare                                 | 16:10        | 1500:1         | 100% sRGB   | 85°/85°/85°/85°         | Eyesafe Certified 2.0  |
| 14"  | 2.8K (2880x1800)  | None        | OLED | 400 nits   | Anti-glare / Anti-reflection / Anti-smudge | 16:10        | 100000:1       | 100% DCI-P3 | 85°/85°/85°/85°         | DisplayHDR™ True Black 500, Dolby Vision™, Eyesafe Certified 2.0, ICC Template color calibration |

### Color Calibration

- ICC Template color calibration
- No color calibration

### Touchscreen

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

### Notes:

1. California Electronic Waste Recycling Fee In California USA, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, please go to <https://www.calrecycle.ca.gov/Electronics/Consumer>
2. 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™

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

## Mechanical

### Dimensions (WxDxH)<sup>[1]</sup>

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

### Weight<sup>[2]</sup>

| Models  | Weight                         |
|---|--------------------------------|
| Models with storm grey cover and 39.3Wh battery | Starting at 1.36 kg (3.0 lbs)  |
| Models with storm grey cover and 52.5Wh battery | Starting at 1.40 kg (3.09 lbs) |

|   |                                |
|---|--------------------------------|
| Models with thunder black cover, integrated graphics and 39.3Wh battery | Starting at 1.32 kg (2.92 lbs) |
| Models with thunder black cover, integrated graphics and 52.5Wh battery | Starting at 1.36 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 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\*\***

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

**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®\*\*<sup>[1]</sup>**

- Qualcomm® Wi-Fi® 6E NFA725A, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1<sup>[2]</sup>
- Intel Wi-Fi 6E AX211, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1<sup>[3]</sup>

**WWAN\*\***

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

**SIM Card**

No SIM card inbox

**NFC**

- Near Field Communication
- No support

## Notes:

1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.
- 2, 3. Wi-Fi 6E full features might be limited by country level restrictions. Wi-Fi 6E 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.

**Ports<sup>[1]</sup>****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, up to 4K/60Hz
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)

**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 / USB-C.

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

## 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

**Physical Locks**

Kensington® Nano Security Slot™, 2.5 x 6 mm

**Smart Card Reader<sup>[1]</sup>**

- Smart card reader
- No smart card reader

**Fingerprint Reader<sup>[2]</sup>**

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

**BIOS Security**

- Power-on password
- Supervisor password
- System management password
- NVMe password
- FIDO (Fast Identity Online) authentication
- Certificate based BIOS authentication
- Firmware Resiliency 3.0

**Other Security**

- (Optional) Camera privacy shutter
- (Optional) IR camera for Windows Hello
- (Optional) Privacy Guard with Privacy Alert
- Glance by Mirametrix®
- Ultrasonic Human Presence Detection (IR camera models)
- (Optional) RFID reader<sup>[3]</sup>

**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\*\***

- Intel vPro Enterprise<sup>[1]</sup>
- Intel vPro Essentials<sup>[2]</sup>
- Non-vPro

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**Notes:**

1, 2 . Intel vPro offers a superset of DASH's defined capabilities.

## SERVICE

### Warranty<sup>[1]</sup>

#### 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

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**Notes:**

1 . The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to <https://smartfind.lenovo.com/>. To learn more details of warranty policy, please access <https://pcsupport.lenovo.com/warranty>.

## ENVIRONMENTAL

### Sustainability

#### Material

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

### Operating Environment

#### Temperature<sup>[1]</sup>

- 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)

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**Notes:**

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

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories

- Lenovo USB-C to Ethernet Adapter
- None



## CERTIFICATIONS

### Green Certifications<sup>[1]</sup>

#### Green Certifications<sup>[2]</sup>

- EPEAT™ Gold Registered
- ENERGY STAR® 8.0
- ErP Lot 6/26
- TCO Certified 9.0
- RoHS compliant

#### Notes:

1. The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.
2. EPEAT is registered where applicable, please see <https://www.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 offering listed under the feature is configured on selected models.
- Feature with \*\*\* means that one or more offerings listed under the feature could be configured on selected models.
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