

## OVERVIEW



1. USB-A (USB 5Gbps)	5. Thunderbolt 4
2. Ethernet (RJ-45)	6. USB-A (USB 10Gbps), Always On
3. Kensington Nano Security Slot	7. HDMI
4. USB-C (USB 20Gbps), with USB PD 3.0 & DP 1.4	8. Headphone / microphone combo jack (3.5mm)

## PERFORMANCE

### Processor

#### Processor Family

Intel® U or H Series Core Ultra 5 / 7 Processor (Series 1)

#### Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	Intel® vPro® Eligibility	NPU
Core Ultra 7 165U	12 (2 P-core + 8 E-core + 2 LP E-core)	14	P-core 1.7GHz / E-core 1.2GHz / LP E-core 700MHz	P-core 4.9GHz / E-core 3.8GHz / LP E-core 2.1GHz	12MB Intel® Smart Cache	Intel® Graphics	Intel® vPro® Enterprise	Intel® AI Boost
Core Ultra 5 125U	12 (2 P-core + 8 E-core + 2 LP E-core)	14	P-core 1.3GHz / E-core 800MHz / LP E-core 700MHz	P-core 4.3GHz / E-core 3.6GHz / LP E-core 2.1GHz	12MB Intel® Smart Cache	Intel® Graphics	Intel® vPro® Essentials	Intel® AI Boost
Core Ultra 7 155U	12 (2 P-core + 8 E-core + 2 LP E-core)	14	P-core 1.7GHz / E-core 1.2GHz / LP E-core 700MHz	P-core 4.8GHz / E-core 3.8GHz / LP E-core 2.1GHz	12MB Intel® Smart Cache	Intel® Graphics	Intel® vPro® Essentials	Intel® AI Boost
Core Ultra 5 135U	12 (2 P-core + 8 E-core + 2 LP E-core)	14	P-core 1.6GHz / E-core 1.1GHz / LP E-core 700MHz	P-core 4.4GHz / E-core 3.6GHz / LP E-core 2.1GHz	12MB Intel® Smart Cache	Intel® Graphics	Intel® vPro® Enterprise	Intel® AI Boost
Core Ultra 5 125H	14 (4 P-core + 8 E-core + 2 LP E-core)	18	P-core 1.2GHz / E-core 700MHz / LP E-core 700MHz	P-core 4.5GHz / E-core 3.6GHz / LP E-core 2.5GHz	18MB Intel® Smart Cache	Intel® Arc™ Graphics <sup>[1]</sup>	Intel® vPro® Essentials	Intel® AI Boost
Core Ultra 7 155H	16 (6 P-core + 8 E-core + 2 LP E-core)	22	P-core 1.4GHz / E-core 900MHz / LP E-core 700MHz	P-core 4.8GHz / E-core 3.8GHz / LP E-core 2.5GHz	24MB Intel® Smart Cache	Intel® Arc™ Graphics <sup>[2]</sup>	Intel® vPro® Essentials	Intel® AI Boost

Notes:

[1], [2] Intel® Arc™ Graphics only available on select H-series Intel® Core™ Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel® Graphics.

### AI (Artificial Intelligence)

#### AI PC Category

AI PC<sup>[1]</sup>

#### NPU

Integrated Intel® AI Boost, up to 11 TOPS

Notes:

[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft® Copilot key or using Win + C.

### Operating System

#### Operating System\*\*

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Ubuntu Linux<sup>[1]</sup>
- No preload operating system

Notes:

[1] 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	TGP	Key Features
Intel® Arc™ Graphics <sup>[1]</sup>	Integrated	Shared	Share CPU TDP	DirectX® 12.2
Intel® Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12.1

Notes:

[1] Intel® Arc™ Graphics only available on select H-series Intel® Core™ Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel® Graphics.

## Monitor Support

### Monitor Support

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

- HDMI® supports up to 4K@60Hz
- USB-C® supports up to 5K@60Hz
- Thunderbolt™ supports up to 8K@60Hz

## Chipset

### Chipset

Intel® SoC (System on Chip) platform

## Memory

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

Up to 64GB DDR5-5600

### Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

### Memory Type

DDR5-5600

Notes:

[1] The max memory is based on the technical readiness of the system, but not shipped by Lenovo®.

## Storage

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

Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 1TB
- M.2 2280 SSD up to 1TB

### Storage Slot<sup>[2]</sup>

Two M.2 slots

- One M.2 2242 PCIe® 4.0 x4 slot
- One M.2 2280 PCIe® 4.0 x4 slot

### Storage Type

Disk Type	Interface	Offering	Security
M.2 2242 SSD	PCIe® NVMe®, PCIe® 4.0 x4	256GB / 512GB / 1TB	Opal 2.0

Notes:

[1] The system supports dual SSD via two M.2 slots, but Lenovo® only offers one M.2 2242 SSD configuration and M.2 2280 slot for user self-extension.

[2] The actual data transfer rate of the following PCIe® interface also depends on the capabilities of the connected PCIe® device. The listed values represent theoretical maximums.

PCIe® 3.0 (x2 / x4): 2 GB/s (16 Gbps) / 4 GB/s (32 Gbps);

PCIe® 4.0 (x2 / x4): 4 GB/s (32 Gbps) / 8 GB/s (64 Gbps);

PCIe® 5.0 (x2 / x4): 8 GB/s (64 Gbps) / 16 GB/s (128 Gbps).

## Removable Storage

### Card Reader

No card reader

## Multi-Media

### Audio Chip

High Definition (HD) Audio, Senary SN6141 codec

### Speakers

Stereo speakers, 2W x2, Dolby Atmos®, audio by HARMAN

### Microphone

Dual-microphone array with smart noise-cancelling

### Camera\*\*

- HD 720p, with privacy shutter, fixed focus
- FHD 1080p + IR hybrid, with privacy shutter, fixed focus, temporal noise reduction
- FHD 1080p, with privacy shutter, fixed focus, temporal noise reduction

## Battery

### Battery\*\*<sup>[1]</sup>

- 47Wh Rechargeable Li-ion Battery, supports Rapid Charge Pro (charge up to 50% in 30min)
- 57Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr)

### Battery Life<sup>[2]</sup>

Configuration 1 (max battery life)

MobileMark® 25: up to 11.8 hr with 793 performance score @250nits

JEITA-BAT 3.0 (Video/Idle): up to 11.68 hr / 20.9 hr @200nits

Local video playback: up to 20.24 hr @150nits

Alternate configuration 2

MobileMark® 25: up to 11.75 hr with 590 performance score @250nits

JEITA-BAT 3.0 (Video/Idle): up to 11.22 hr / 20.23 hr @200nits

Local video playback: up to 19.4 hr @150nits

Alternate configuration 3

MobileMark® 25: up to 9.33 hr with 591 performance score @250nits

JEITA-BAT 3.0 (Video/Idle): up to 9.22 hr / 16.5 hr @200nits

Local video playback: up to 15.66 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 (non-touch), Intel® Core™ Ultra 5 125U, 8GB+8GB DDR5, Win 11, 57Wh battery, best power efficiency power mode

Alternate configuration 2: WUXGA (touch), Intel® Core™ Ultra 5 135U, 16GB DDR5, Win 11, 57Wh battery, best power efficiency power mode

Alternate configuration 3: WUXGA (touch), Intel® Core™ Ultra 5 135U, 16GB DDR5, Win 11, 47Wh battery, best power efficiency power mode

All battery life claims are approximate maximum and based on results using [MobileMark® 25](#), JEITA 3.0, 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>

- 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
- No power adapter<sup>[2]</sup>

## 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	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
14"	WUXGA (1920x1200)	Non-touch	IPS <sup>[1]</sup>	300nits	Anti-glare	16:10	800:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	TÜV Low Blue Light (Software)
14"	WUXGA (1920x1200)	Multi-touch	IPS <sup>[2]</sup>	300nits	Anti-glare	16:10	800:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	TÜV Low Blue Light (Software)
14"	2.2K (2240x1400)	Non-touch	IPS <sup>[3]</sup>	300nits	Anti-glare	16:10	1500:1	100% sRGB	60Hz	89° / 89° / 89° / 89°	Eyesafe® Certified 2.0

**Touchscreen**

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

**Screen-to-Body Ratio**

90%

## Notes:

[1], [2], [3] 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, key travel 1.5mm / 1.35mm (Fn row &amp; G/H/B), Copilot key

**Keyboard Backlight**

- LED backlight
- Non-backlight

**UltraNav™**

TrackPoint® pointing device, double-tap to open the TrackPoint® Quick Menu

Mylar® surface multi-touch 3-button Trackpad, 56 x 115 mm (2.24 x 4.53 inches)

**Mechanical****Dimensions (WxDxH)<sup>[1]</sup>**

Models	Dimensions
Models with aluminium (top) and PC-ABS (bottom)	313 x 219.3 x 18.59 mm (12.32 x 8.63 x 0.73 inches)
Models with aluminium (top) and aluminium (bottom)	313 x 219.3 x 17.99 mm (12.32 x 8.63 x 0.71 inches)

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

Models	Weight
Models with aluminium (top) and aluminium (bottom)	Starting at 1.44 kg (3.17 lbs)
Models with aluminium (top) and PC-ABS (bottom)	Starting at 1.42 kg (3.14 lbs)

**Case Color\*\***

- Black
- Grey

**Case Material\*\***

- Aluminium (top), PC-ABS (bottom)
- Aluminium (top), aluminium (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®\*\*<sup>[1]</sup>

- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card
- Realtek® Wi-Fi® 6 RTL8852BE, 802.11ax Dual Band 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card
- Wi-Fi® 6E, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- Realtek® Wi-Fi® 6E RTL8852CE, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, Intel® vPro® technology support, M.2 card<sup>[2]</sup>
- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card

#### WWAN

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

No support

Notes:

[1] Wi-Fi® operation (including Wi-Fi® 6, Wi-Fi® 6E, Wi-Fi® 7, etc.) is subject to the regulatory requirements of each country. Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

[2] Intel® vPro® platform requires the hardware and software necessary to deliver the manageability use cases, security features, system performance, and stability that define the platform. For detailed vPro® support information, please refer to the System Management section.

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

### Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort™ 1.4
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)

Notes:

[1] The transfer speed of the 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.

## Docking

### Docking

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

For more compatible docking solutions, please visit [Docking for ThinkPad® E14 Gen 6 \(Intel®\)](#)

## SECURITY & PRIVACY

### Security

#### ThinkShield

ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more details, visit [here](#)

#### 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

No smart card reader

#### Fingerprint Reader

- 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
- More BIOS security features, please visit [BIOS Simulator<sup>\[1\]</sup>](#)

#### Other Security

- Camera privacy shutter
- (Optional) IR camera for Windows® Hello (facial recognition)

Notes:

[1] The BIOS simulator is just for reference. Default settings and some options may vary depending on the hardware, operating system and BIOS version.

## MANAGEABILITY

### System Management

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

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

Notes:

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

## SERVICE

### Warranty

#### Base Warranty\*\*

- 1-year mail-in service
- 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
- No base warranty

## ACCESSORIES

### Bundled Accessories

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

- Lenovo® 15.6" laptop casual toploader, polyester
- None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for ThinkPad® E14 Gen 6 \(Intel®\)](#).

## OPERATING REQUIREMENTS

### 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)

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

25% PCC recycled plastic used in the battery pack enclosure

30% PCC recycled plastic used in speaker enclosure

90% PCC recycled plastic used in standard 65W adapter

Plastic free packaging

Dry-pressed bamboo & sugarcane fiber Cushions

FSC Certified paper in packaging

Notes:

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

## CERTIFICATIONS

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

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

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered<sup>[3]</sup>
- 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](http://epeat.net) and [energystar.gov](http://energystar.gov) for more information.
- [3] EPEAT™ is registered where applicable, please visit [epeat.net](http://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
- (Optional) TÜV Rheinland® Low Blue Light (Hardware Solution)
- (Optional) TÜV Rheinland® Low Blue Light (Software Solution)
  
- 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.
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