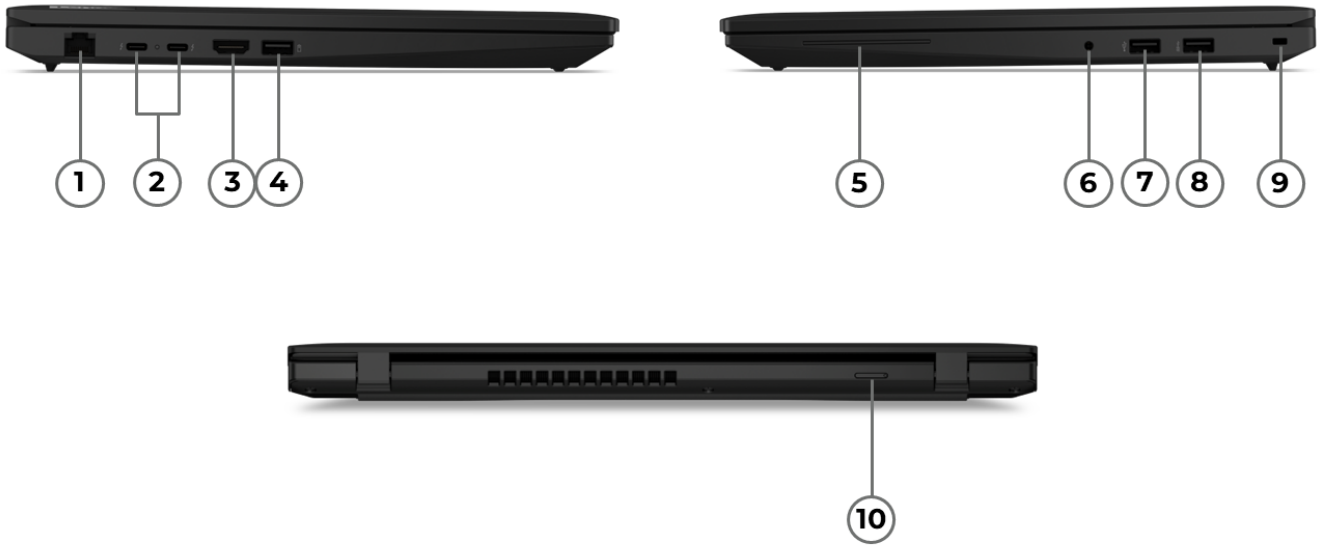
## OVERVIEW




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

Notes:

- Items with * are only available on selected models

# PERFORMANCE

## Processor

**Processor Family**

Intel Core™ Ultra 5 / 7 Processor (Series 3)

**Processor****[1]

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Processor Graphics | NPU |
|---|---|---|---|---|---|---|---|
| Core Ultra 5 325 | 8 (4 P-core + 4 LP E-core) | 8 | P-core 2.1GHz / LP E-core 1.6GHz | P-core 4.5GHz / LP E-core 3.4GHz | 12MB Intel® Smart Cache | Intel® Graphics, up to 40 TOPS | Up to 47 TOPS |
| Core Ultra 5 332 | 6 (2 P-core + 4 LP E-core) | 6 | P-core 2.5GHz / LP E-core 1.9GHz | P-core 4.4GHz / LP E-core 3.3GHz | 12MB Intel® Smart Cache | Intel® Graphics, up to 18 TOPS | Up to 46 TOPS |
| Core Ultra 5 335 | 8 (4 P-core + 4 LP E-core) | 8 | P-core 2.2GHz / LP E-core 1.6GHz | P-core 4.6GHz / LP E-core 3.4GHz | 12MB Intel® Smart Cache | Intel® Graphics, up to 40 TOPS | Up to 47 TOPS |
| Core Ultra 5 336H | 12 (4 P-core + 4 E-core + 4 LP E-core) | 12 | P-core 1.9GHz / E-core 1.5GHz / LP E-core 1.5GHz | P-core 4.6GHz / E-core 3.4GHz / LP E-core 3.2GHz | 18MB Intel® Smart Cache | Intel® Graphics, up to 37 TOPS | Up to 47 TOPS |
| Core Ultra 7 355 | 8 (4 P-core + 4 LP E-core) | 8 | P-core 2.3GHz / LP E-core 1.7GHz | P-core 4.7GHz / LP E-core 3.5GHz | 12MB Intel® Smart Cache | Intel® Graphics, up to 40 TOPS | Up to 49 TOPS |
| Core Ultra 7 356H | 16 (4 P-core + 8 E-core + 4 LP E-core) | 16 | P-core 1.9GHz / E-core 1.5GHz / LP E-core 1.5GHz | P-core 4.7GHz / E-core 3.5GHz / LP E-core 3.3GHz | 18MB Intel® Smart Cache | Intel® Graphics, up to 40 TOPS | Up to 50 TOPS |
| Core Ultra 7 365 | 8 (4 P-core + 4 LP E-core) | 8 | P-core 2.4GHz / LP E-core 1.8GHz | P-core 4.8GHz / LP E-core 3.6GHz | 12MB Intel® Smart Cache | Intel® Graphics, up to 40 TOPS | Up to 49 TOPS |

Notes:

[1] Processors with an “H” suffix are not available in NA.

## AI (Artificial Intelligence)

**AI PC Category**

- Copilot+ PC[1]
- AI PC[2]

**NPU**

Up to 50 TOPS

Notes:

[1] Copilot+ PCs have at least 16GB RAM, 256GB storage, and a NPU that runs 40+ TOPs to run the latest AI tools build-in latest Windows® 11 to accelerate productivity and creativity.

[2] Only for the models with 8GB memory.

## Operating System

**Operating System****

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- 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® Graphics | Integrated | Shared | DirectX® 12 Ultimate |

## Monitor Support

**Monitor Support**[1]

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[2]

Notes:

[1] Refresh rates >60hz also supported, however max resolution will be limited.
[2] 8K resolution support needs 2 display pipes. That is, simultaneous display number will "-1" when 8K resolution displayed.

## Chipset

**Chipset**

Intel® SoC (System on Chip) platform

## Memory

**Max Memory**[1]

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 test results with current Lenovo® memory offerings.

## Storage

**Max Storage Support**[1]

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

**Storage Slot**[2]

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® 5.0 x4 Performance | 2TB | Opal 2.0 |

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.
[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, Realtek® ALC3287 codec

**Speakers**

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

**Microphone**

Dual-microphone array, 360° far-field, Elevoc Voice

**Camera****

- 5.0MP + IR discrete, with privacy shutter, fixed focus, temporal noise reduction
- HD 720p, with privacy shutter, fixed focus

## Battery

**Battery****

- 46.5Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter[1]
- 57Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter[2]

**Battery Life**[3]

Configuration 1 (max battery life)
MobileMark® 30: up to 16.96 hr with 628 performance score @250nits
JEITA-BAT 3.0 (Video/Idle): up to 17.25 hr / 30.55 hr @200nits
Local video playback: up to 26.28 hr @150nits

Alternate configuration 2
MobileMark® 30: up to 12.7 hr with 854 performance score @250nits
JEITA-BAT 3.0 (Video/Idle): up to 16.46 hr / 24.1 hr @200nits
Local video playback: up to 24.68 hr @150nits

Alternate configuration 3
MobileMark® 30: up to 10.2 hr with 856 performance score @250nits
JEITA-BAT 3.0 (Video/Idle): up to 13.43 hr / 19.66 hr @200nits
Local video playback: up to 20.11 hr @150nits

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Notes:

[1], [2] 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.
[3] Configuration 1: WUXGA (non-touch), Intel Core™ Ultra 5 332, 16GB DDR5-5600, Win 11, 57Wh battery, best power efficiency power mode
Configuration 2: WUXGA (touch), Intel Core™ Ultra 5 335, 8GB + 8GB DDR5-5600, Win 11, 57Wh battery, best power efficiency power mode
Configuration 3: WUXGA (touch), Intel Core™ Ultra 5 335, 8GB + 8GB DDR5-5600, Win 11, 46.5Wh battery, best power efficiency power mode

All battery life claims are approximate maximum and based on results using MobileMark® 30, 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 and depends 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]

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

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Notes:

[1] AC adapter offerings depend on the country.

# 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16″ | WUXGA (1920x1200) | Non-touch | IPS[1] | 400nits | Anti-glare | 16:10 | 1000:1 | 45% NTSC | 60Hz | 89° / 89° / 89° / 89° | - |
| 16″ | WUXGA (1920x1200) | Multi-touch | IPS[2] | 400nits | Anti-glare | 16:10 | 1500:1 | 45% NTSC | 60Hz | 89° / 89° / 89° / 89° | Eyesafe® Certified 2.0 |

**Touchscreen**

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

**Screen-to-Body Ratio**

87%

Notes:

[1], [2] 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, numeric keypad, key travel 1.5mm / 1.35mm (Fn row & 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, 67.6 x 115 mm (2.66 x 4.53 inches)

## Mechanical

**Dimensions (WxDxH)[1]**

| Models | Dimensions |
|---|---|
| Models with PC-ABS (top) and PC-ABS (bottom) | 357.2 x 253.4 x 10.96/19.57 (front/rear), 24.75(maximum) mm; 14.06 x 9.98 x 0.43/0.77 (front/rear), 0.97 (maximum) inches |

**Weight[2]**

Starting at 1.852 kg (4.083 lbs)

**Case Color**

Black

**Case Material**

PC-ABS (top), PC-ABS (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]**

- Intel® Wi-Fi® 7 BE211, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4 (Bluetooth® 6.0 hardware ready), Intel® vPro® technology support[2]
- Intel® Wi-Fi® 7 BE213, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4 (Bluetooth® 6.0 hardware ready)

**WWAN****

- Wireless WAN upgradable to 4G (with antenna ready)
- Snapdragon® X12 LTE Modem, 4G LTE CAT6, M.2 card, with embedded eSIM functionality
- Snapdragon® X12 LTE Modem, 4G LTE CAT12, M.2 card, with embedded eSIM functionality
- No support

**SIM Card**[3]**

- KDDI eSIM Program 3-year (Japan)
- KDDI eSIM Program 3-year with international roaming (Japan)
- KDDI eSIM Program 4-year (Japan)
- KDDI eSIM Program 4-year with international roaming (Japan)
- KDDI eSIM Program 5-year (Japan)
- KDDI eSIM Program 5-year with international roaming (Japan)
- No physical SIM card included

**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® 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.

[3] KDDI eSIM Program has no physical SIM card inbox and is for special bid only.

## Ports[1]

**Standard Ports**

- 1x USB-A (Hi-Speed USB)
- 1x USB-A (USB 5Gbps), Always On
- 1x USB-A (USB 5Gbps)
- 2x Thunderbolt™ 4, with USB PD 15-65W and DisplayPort™ 2.1
- 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 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™ / USB-C®.
For more compatible docking solutions, please visit Docking for ThinkPad® L16 Gen 3 (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

### Physical Locks

Kensington Nano Security Slot™, 2.5 x 6 mm

### Smart Card Reader

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

### Fingerprint Reader

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

### BIOS Security

- Certificate-based BIOS authentication
- FIDO (Fast Identity Online) authentication
- NVMe® password
- Power-on password
- Supervisor password
- System management password
- Self-healing BIOS
- More BIOS security features, please visit BIOS Simulator

### Other Security

- Camera privacy shutter
- (Optional) IR camera for Windows® Hello (facial recognition)
- Privacy Guard with Privacy Alert (software solution)

# MANAGEABILITY

## System Management

### System Management[1]

- Intel® vPro® Enterprise[2]
- 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 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 VGA Adapter
- None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for ThinkPad® L16 Gen 3 (Intel®).

# OPERATING REQUIREMENTS

## Operating Environment

**Temperature**[1]

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

50% PCC recycled on display cover bezel
60% PCC recycled on keyboard frame
50% PCC recycled on PC/ABS bottom cover
85% PCC recycled plastic used in key caps (backlight)
70% PCC recycled plastic used in key caps (non-backlight)
90% PCC recycled plastic used in speaker enclosure
90% PCC recycled plastic used in the battery pack enclosure
90% PCC recycled plastic used in slim GaN 65W adapters and standard 65W adapters
100% plastic-free primary packaging
TOTAL PCC: 21.72-23.49%

Notes:

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

# CERTIFICATIONS

## Green Certifications[1]

**Green Certifications**[2]

- ENERGY STAR® 9.0
- EPEAT 2.0 Gold Registered[3]
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

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
- (Optional) TÜV Rheinland® Low Blue Light (Hardware 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.
- 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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