

## OVERVIEW



1. Power connector	5. Card reader
2. HDMI	6. USB 3.2 Gen 1
3. Thunderbolt 4	7. USB 3.2 Gen 1 (Always On)
4. Headphone / microphone combo jack (3.5mm)	

## PERFORMANCE

### Processor

#### Processor Family

13th Generation Intel® Core™ i5 / i7 Processor U-Series

#### Processor\*\*

Processor Name	Cores	Threads	Max Frequency	Cache	Memory Support	Processor Graphics
Core i5-1335U	10 (2 P-core + 8 E-core)	12	P-core 4.6GHz / E-core 3.4GHz	12MB	LPDDR4x-4266	Intel Iris® Xe Graphics
Core i7-1355U	10 (2 P-core + 8 E-core)	12	P-core 5.0GHz / E-core 3.7GHz	12MB	LPDDR4x-4266	Intel Iris Xe Graphics

### Operating System

#### Operating System\*\*<sup>[1]</sup>

- Windows® 11 Pro
- Windows 11 Home
- Windows 11 Home in S mode
- Windows 11 Home Single Language
- Windows 11 Home Single Language in S mode

#### 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	Key Features
Intel Iris Xe Graphics	Integrated	Shared	DirectX® 12.1

### Monitor Support

#### Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via HDMI® and Thunderbolt™)

- HDMI supports up to 4096x2160@30Hz
- Thunderbolt supports up to 5120x3200@60Hz

### Chipset

#### Chipset

Intel SoC (System on Chip) platform

### Memory

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

- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

#### Memory Slots

Memory soldered to systemboard, no slots, dual-channel

#### Memory Type

LPDDR4x-4266

#### 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.

### Storage

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

One drive, up to 1TB M.2 2242 SSD

**Storage Slot**

One M.2 2280 PCIe® 4.0 x4 slot

**Storage Type**

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

**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**

4-in-1 card reader (SD, SDHC, SDXC, MMC)

**Multi-Media****Audio Chip**

High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**

Stereo speakers, 2W x2, optimized with Dolby® Audio™

**Microphone**

Dual-microphone array with noise-cancelling, support Lenovo Voice Assistant (LVA)

**Camera**

FHD 1080p, with privacy shutter, fixed focus

**Sensor****Sensors**

- Accelerometer (G) sensor
- Hall sensor

**Battery****Battery**

Integrated Li-Polymer 52.5Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

**Max Battery Life<sup>[1]</sup>**

- WUXGA models:  
MobileMark® 2018@200nits: 9.5 hr  
Local video (1080p) playback@150nits: 13.5 hr
- 2.5K models:  
MobileMark 2018@200nits: 9 hr  
Local video (1080p) playback@150nits: 12 hr

**Notes:**

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, JEITA 2.0, continuous 1080p video playback (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 and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

**Power Adapter****Power Adapter<sup>[1]</sup>**

65W round tip (3-pin) AC adapter, 100-240V, 50-60Hz

**Notes:**

1. AC adapter offerings depend on the country.

**DESIGN****Display**

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

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)	Key Features
16"	2.5K (2560x1600)	Multi-touch	IPS	400 nits	Glossy	16:10	1200:1	100% sRGB	85°/85°/85°/85°	Glass, TÜV Low Blue Light, Dolby Vision™
16"	WUXGA (1920x1200)	Multi-touch	IPS	300 nits	Glossy	16:10	800:1	45% NTSC	85°/85°/85°/85°	Glass

### Touchscreen

GFF (Glass-Film-Film) or OGS (One Glass Solution) Direct Bonding, capacitive-type multi-touch, supports 10-point touch

#### Notes:

- California Electronic Waste Recycling Fee  
In California, 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, go to <https://www.calrecycle.ca.gov/Electronics/Consumer>

## Multi-mode

### Multi-mode

Laptop, tent, stand, and tablet modes supported by 360° hinge

## Input Device

### Pen\*\*

- Lenovo Digital Pen with replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity. For more information, please read [Lenovo Digital Pen Overview](#)
- Lenovo Digital Pen without replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity. For more information, please read [Lenovo Digital Pen Overview](#)
- No pen (purchase separately)

### Keyboard

6-row, multimedia Fn keys, numeric keypad

### Keyboard Backlight

LED backlight

### Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

## Mechanical

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

357.8 x 253.9 x 18.7 mm (14.09 x 9.99 x 0.74 inches)

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

Around 2.1 kg (4.63 lbs)

### Case Color\*\*

- Abyss blue
- Arctic grey

### Surface Treatment

Aluminium stamping (anodized with sandblasting)

### Case Material

Aluminium (top), PC-ABS + 40% GF (bottom)

#### Notes:

- The system dimensions may vary depending on configurations.
- 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

No onboard Ethernet

## WLAN + Bluetooth®<sup>[1][2]</sup>

Wi-Fi® 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 card

### Notes:

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

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

### Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x HDMI 1.4b
- 1x Card reader
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

### 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;
  - USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
  - Thunderbolt 3/4: 40 Gbit/s

# SECURITY & PRIVACY

## Security

### Security Chip

Firmware TPM 2.0 integrated in SoC

### Fingerprint Reader

Touch style fingerprint reader on palm rest

### BIOS Security

- Administrator password
- User password
- Master hard disk password
- User hard disk password
- Self-healing BIOS

### Other Security

Camera privacy shutter

# 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)
- 2-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) courier or carry-in service

# ENVIRONMENTAL

## Operating Environment

### Temperature

- At altitudes up to 2438 m (8,000 ft)

- Operating: 5°C to 35°C (41°F to 95°F)
- Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°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)

## CERTIFICATIONS

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

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

- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 6
- ErP Lot 26
- 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

**Other Certifications**

- TÜV Rheinland® Low Blue Light (Hardware Solution)
- TÜV Rheinland Low Blue Light (Software Solution)

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