

## OVERVIEW



1. Power connector	5. SD card reader
2. HDMI	6. USB-A (USB 5Gbps)
3. Thunderbolt 4	7. USB-A (USB 5Gbps), Always On
4. Headphone / microphone combo jack (3.5mm)	

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## PERFORMANCE

### Processor

#### Processor Family

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

#### Processor\*\*

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™ 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

### Operating System

#### Operating System\*\*

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

### 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

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

#### Memory Slots

Memory soldered to systemboard, no slots, dual-channel

#### Memory Type

LPDDR4x-4266

### 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.

## Removable Storage

### Card Reader

SD card reader

## Multi-Media

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

### Speakers

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

### Microphone

Dual-microphone array

### 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, MobileMark® 25, 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 depending 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	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
16"	WUXGA (1920x1200)	Multi-touch	IPS	300nits	Glossy	16:10	800:1	45% NTSC	60Hz	85°/85°/85°/85°	TÜV Low Blue Light

											(Software), Glass
16"	2.5K (2560x1600)	Multi- touch	IPS	400nits	Glossy	16:10	1,200:1	100% sRGB	60Hz	85°/85°/85°/85°	Dolby® Vision®, TÜV Low Blue Light (Hardware), Glass

**Touchscreen**

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

Notes:

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

**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>**

Starting at 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:

[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**

No onboard Ethernet

**WLAN + Bluetooth<sup>[1]</sup>**

Wi-Fi<sup>®</sup> 6, 802.11ax 2x2 Wi-Fi<sup>®</sup> + Bluetooth<sup>®</sup> 5.2, M.2 card

Notes:

[1] Wi-Fi<sup>®</sup> 6 full features might be limited by country-level restrictions.

**Ports<sup>[1]</sup>****Standard Ports**

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C<sup>®</sup> (Thunderbolt™ 4 / USB4<sup>®</sup> 40Gbps), with USB PD 3.0 and DisplayPort™ 1.4
- 1x HDMI<sup>®</sup> 1.4b
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader
- 1x Power connector

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 are supported via Thunderbolt™.

For more compatible docking solutions, please visit [Docking for IdeaPad<sup>®</sup> Flex 5 16IRU8](#)

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

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- 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)

**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).

## ACCESSORIES

### Bundled Accessories

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

None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for IdeaPad® Flex 5 16IRU8](#).

## CERTIFICATIONS

### Green Certifications

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

- ENERGY STAR® 8.0
- EPEAT™ Silver Registered<sup>[3]</sup>
- 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™ registration and ENERGY STAR® certification are dependent on system OS. Please visit [epeat.net](#) and [energystar.gov](#) for more information.

[3] EPEAT™ is registered where applicable, please see [epeat.net](#) for registration status by country.

### Other Certifications

**Other Certifications**

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