

OVERVIEW



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

PERFORMANCE

Processor

Processor Family

Intel® U-series or 13th Generation Intel Core™ i3 / i5 / i7 Processor

Processor**

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Processor Graphics |
|----------------|--------------------------|---------|-------------------------------|-------------------------------|-------|--|
| U300 | 5 (1 P-core + 4 E-core) | 6 | P-core 1.2GHz / E-core 0.9GHz | P-core 4.4GHz / E-core 3.3GHz | 8MB | Intel UHD Graphics |
| Core i3-1305U | 5 (1 P-core + 4 E-core) | 6 | P-core 1.6Ghz / E-core 1.2Ghz | P-core 4.5Ghz / E-core 3.3Ghz | 10MB | Intel UHD Graphics |
| Core i3-1315U | 6 (2 P-core + 4 E-core) | 8 | P-core 1.2GHz / E-core 0.9GHz | P-core 4.5GHz / E-core 3.3GHz | 10MB | Intel UHD 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 ^[1] |
| 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 ^[2] |

Notes:

[1], [2] 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.

Operating System

Operating System**

- Windows® 11 Home
- Windows 11 Home Single Language
- Windows 11 Home Single Language in S mode
- Windows 11 Home in S mode
- Windows 11 Pro
- No operating system

Graphics

Graphics**

| Graphics | Type | Memory | TGP | Key Features |
|---------------------------------------|------------|--------|---------------|---------------|
| Intel UHD Graphics | Integrated | Shared | Share CPU TDP | DirectX® 12.1 |
| Intel Iris Xe Graphics ^[1] | Integrated | Shared | Share CPU TDP | DirectX 12.1 |

Notes:

[1] 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

Supports up to 3 independent displays (native display and 2 external monitors via HDMI® and USB-C®)

- HDMI supports up to 4K@30Hz
- USB-C supports up to 4K@60Hz

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory

- 4GB soldered memory, not upgradable
- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

Memory Slots**

- Memory soldered to systemboard, no slots, single-channel (4GB or 8GB models)
- Memory soldered to systemboard, no slots, dual-channel (16GB models)

Memory Type

LPDDR5-4800

Storage

Storage Support^[1]

- 128GB UFS 3.1 on systemboard
- One drive, up to 1TB M.2 2242 SSD

Storage Slot

- UFS on systemboard, no slots (UFS models)
- One M.2 PCIe® 4.0 x4 slot (M.2 SSD models)

Storage Type

| Disk Type | Interface | Offering |
|--------------|-------------------------|---------------------|
| Flash Memory | UFS 3.1 ^[2] | 128GB |
| M.2 2242 SSD | PCIe NVMe®, PCIe 4.0 x4 | 256GB / 512GB / 1TB |

Notes:

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

[2] UFS 3.1 storage is downgraded to closer to UFS 2.1 due to platform limitations.

Removable Storage

Card Reader

SD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

User-facing stereo speakers, 1.5W x2, optimized with Dolby® Audio™

Microphone

Dual-microphone array

Camera**

- FHD 1080p, with privacy shutter, fixed focus
- HD 720p, with privacy shutter, fixed focus

Battery

Battery

Integrated Li-Polymer 47Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

Max Battery Life^[1]

MobileMark® 2018@200nits: 8.1 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

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

DESIGN

Display

Display**

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle (L/R/U/D) |
|-------|-----------------|-------------|--------------------|------------|------------|--------------|----------------|-------------|-------------------------|
| 15.6" | FHD (1920x1080) | None | TN | 250nits | Anti-glare | 16:9 | 400:1 | 45% NTSC | 45°/45°/15°/35° |
| 15.6" | FHD (1920x1080) | None | IPS ^[1] | 300nits | Anti-glare | 16:9 | 800:1 | 45% NTSC | 85°/85°/85°/85° |
| 15.6" | FHD (1920x1080) | Multi-touch | IPS ^[2] | 300nits | Anti-glare | 16:9 | 800:1 | 45% NTSC | 85°/85°/85°/85° |

Touchscreen

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

Notes:

[1], [2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Input Device

Keyboard

6-row, multimedia Fn keys, numeric keypad

Keyboard Backlight

- LED backlight
- Non-backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)

Mechanical

Dimensions (WxDxH)^[1]

359.3 x 235 x 17.9 mm (14.15 x 9.25 x 0.70 inches)

Weight^[2]

Starting at 1.62 kg (3.57 lbs)

Case Color**

- Abyss blue
- Arctic grey
- Frost blue

Surface Treatment

IMR (in-mold decoration by roller)

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

Ethernet

No onboard Ethernet

WLAN + Bluetooth[®]**^[1]

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

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^[1]

Standard Ports

- 2x USB 3.2 Gen 1
- 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort™ 1.2)
- 1x HDMI 1.4
- 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;

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 USB-C.

For more compatible docking solutions, please visit [Docking for IdeaPad[®] Slim 3 15IRU8](#)

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Fingerprint Reader

- Touch style fingerprint reader integrated in power button
- No fingerprint reader

BIOS Security

- Administrator password
- Power-on password
- Hard disk password (M.2 SSD models only)
- 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^[1]

- 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: 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

- Lenovo 15.6" laptop casual toplayer, polyester, black
- None

CERTIFICATIONS

Green Certifications^[1]

Green Certifications

- (Optional) ENERGY STAR® 8.0
- (Optional) EPEAT™ Silver Registered^[2]
- 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

Mil-Spec Test

MIL-STD-810H military test passed (21 test items)

Other Certifications

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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