

OVERVIEW



|                                              |                                         |
|----------------------------------------------|-----------------------------------------|
| 1. Headphone / microphone combo jack (3.5mm) | 8. USB 3.2 Gen 1                        |
| 2. USB 3.2 Gen 2                             | 9. USB 3.2 Gen 2                        |
| 3. USB-C 3.2 Gen 1                           | 10. USB 3.2 Gen 2                       |
| 4. Power connector                           | 11. Ethernet (RJ-45)                    |
| 5. DisplayPort                               | 12. Optional port 1 (VGA is shown) *    |
| 6. USB 3.2 Gen 1                             | 13. Optional port 2 (serial is shown) * |
| 7. HDMI                                      |                                         |

Notes:

- Items with \* are only available on selected models



PERFORMANCE

Processor

Processor Family

Intel® Celeron®, Intel Pentium®, 10th Generation Intel Core™ i3, or 11th Generation Intel Core i5 / i7 / i9 Processor

Processor\*\*

| Processor Name      | Cores | Threads | Base Frequency | Max Frequency         | Cache | Memory Support | Processor Graphics     |
|---------------------|-------|---------|----------------|-----------------------|-------|----------------|------------------------|
| Celeron G5905T      | 2     | 2       | 3.3GHz         | -                     | 4MB   | DDR4-2666      | Intel UHD Graphics 610 |
| Pentium Gold G6405T | 2     | 4       | 3.5GHz         | -                     | 4MB   | DDR4-2666      | Intel UHD Graphics 610 |
| Pentium Gold G6505T | 2     | 4       | 3.6GHz         | -                     | 4MB   | DDR4-2666      | Intel UHD Graphics 630 |
| Core i3-10105T      | 4     | 8       | 3.0GHz         | 3.9GHz <sup>[1]</sup> | 6MB   | DDR4-2666      | Intel UHD Graphics 630 |
| Core i3-10305T      | 4     | 8       | 3.0GHz         | 4.0GHz <sup>[2]</sup> | 8MB   | DDR4-2666      | Intel UHD Graphics 630 |
| Core i5-10400T      | 6     | 12      | 2.0GHz         | 3.6GHz <sup>[3]</sup> | 12MB  | DDR4-2666      | Intel UHD Graphics 630 |
| Core i5-10500T      | 6     | 12      | 2.3GHz         | 3.8GHz <sup>[4]</sup> | 12MB  | DDR4-2666      | Intel UHD Graphics 630 |
| Core i5-11400T      | 6     | 12      | 1.3GHz         | 3.7GHz <sup>[5]</sup> | 12MB  | DDR4-3200      | Intel UHD Graphics 730 |
| Core i5-11500T      | 6     | 12      | 1.5GHz         | 3.9GHz <sup>[6]</sup> | 12MB  | DDR4-3200      | Intel UHD Graphics 750 |
| Core i5-11600T      | 6     | 12      | 1.7GHz         | 4.1GHz <sup>[7]</sup> | 12MB  | DDR4-3200      | Intel UHD Graphics 750 |
| Core i7-11700T      | 8     | 16      | 1.4GHz         | 4.6GHz <sup>[8]</sup> | 16MB  | DDR4-3200      | Intel UHD Graphics 750 |
| Core i9-11900T      | 8     | 16      | 1.5GHz         | 4.9GHz <sup>[9]</sup> | 16MB  | DDR4-3200      | Intel UHD Graphics 750 |

Notes:

[1], [2], [3], [4], [5], [6], [7], [8], [9] Intel Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see <http://www.intel.com/technology/turboboost/> for more information.

Operating System

Operating System\*\*

- Ubuntu Linux<sup>[1]</sup>
- Windows® 10 Home 64
- Windows 10 Home 64 Single Language
- Windows 10 IoT Enterprise
- Windows 10 Pro 64
- Windows 11 DG Windows 10 Pro 64
- Windows 11 Home
- Windows 11 Home Single Language
- Windows 11 Pro
- No operating system

Notes:

[1] Some features may not be supported on the system with Linux preload, including but not limited to Intel RST RAID, Human Presence Detection, etc.

Graphics



Graphics\*\*

| Graphics               | Type       | Memory | Connector                                                                            | Max Resolution                                                                                                                  | Key Features |
|------------------------|------------|--------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------|
| Intel UHD Graphics 730 | Integrated | Shared | 1x HDMI®, 1x DP, 1x optional video port (2nd HDMI / VGA / 2nd DP / USB-C® / dual DP) | 4096x2160@24Hz(onboard HDMI), 4096x2304@60Hz(DP), 3840x2160@60Hz(Dual DP, MST mode), 2048x1536@50Hz(VGA), 4096x2304@60Hz(USB-C) | DirectX® 12  |
| Intel UHD Graphics 750 | Integrated | Shared | 1x HDMI, 1x DP, 1x optional video port (2nd HDMI / VGA / 2nd DP / USB-C / dual DP)   | 4096x2304@24Hz(onboard HDMI), 4096x2304@60Hz(DP), 3840x2160@60Hz(Dual DP, MST mode), 2048x1536@50Hz(VGA), 4096x2304@60Hz(USB-C) | DirectX 12   |
| Intel UHD graphics 610 | Integrated | Shared | 1x HDMI, 1x DP, 1x optional video port (2nd HDMI / VGA / 2nd DP / USB-C / dual DP)   | 4096x2304@24Hz(onboard HDMI), 4096x2304@60Hz(DP), 3840x2160@60Hz(Dual DP, MST mode), 2048x1536@50Hz(VGA), 4096x2304@60Hz(USB-C) | DirectX 12   |
| Intel UHD graphics 630 | Integrated | Shared | 1x HDMI, 1x DP, 1x optional video port (2nd HDMI / VGA / 2nd DP / USB-C / dual DP)   | 4096x2160@24Hz(onboard HDMI), 4096x2304@60Hz(DP), 3840x2160@60Hz(Dual DP, MST mode), 2048x1536@50Hz(VGA), 4096x2304@60Hz(USB-C) | DirectX 12   |

Monitor Support

Monitor Support

Supports up to 3 independent displays via (onboard DP, onboard HDMI, and one optional port [VGA / 2nd DP / 2nd HDMI / USB-C]) or (one onboard port [DP / HDMI] and optional dual DP [MST mode])

Chipset

Chipset

AMD PRO 560 chipset

Memory

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

Up to 64GB DDR4-2933

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Memory Type\*\*

- DDR4-2666
- DDR4-2933
- DDR4-3200

Notes:

<sup>[1]</sup> The max memory is based on the test results with current Lenovo® memory offerings.

Storage

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

Up to two drives, 1x 2.5" HDD + 1x M.2 SSD

- 2.5" HDD up to 1TB
- M.2 SSD up to 2TB

Storage Type\*\*\*

| Disk Type     | Interface   | RPM  | Security |
|---------------|-------------|------|----------|
| 2.5" SATA HDD | SATA 6Gb/s  | 7.2K | -        |
| M.2 2242 SSD  | PCIe® NVMe® | -    | -        |
| M.2 2280 SSD  | PCIe NVMe   | -    | Opal     |

RAID

No support



Notes:

[1] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

Removable Storage

- Optical\*\*
- DVD-ROM, slim (9.0mm), via USB external ODD box
  - DVD burner (DVD±RW), slim (9.0mm), via USB external ODD box
  - None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC233VB codec

Speakers

Single speaker, 1.5W x1

Power Supply

Power Supply\*\*

| Power           | Type    | Efficiency | Key Features |
|-----------------|---------|------------|--------------|
| 65W             | Adapter | 89%        | Autosensing  |
| 135W            | Adapter | 89%        | Autosensing  |
| No power supply | -       | -          | -            |

DESIGN

Input Device

Keyboard\*\*

- Lenovo Calliope Keyboard (USB connector), black
- Lenovo Calliope Wireless Keyboard, black
- Lenovo Traditional Keyboard (USB connector), black
- No keyboard

Mouse\*\*

- Lenovo Calliope Mouse (USB connector), black
- Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
- Lenovo Fingerprint Mouse (USB connector), black (EOL on Jan, 2023)
- No mouse

Mechanical

Form Factor

Tiny (1L)

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

| Models                    | Dimensions                                                                         |
|---------------------------|------------------------------------------------------------------------------------|
| Tiny only                 | 179 x 182.9 x 36.5 mm with rubber feet (7.05 x 7.2 x 1.44 inches with rubber feet) |
| With VESA mount & ODD box | 186.6 x 204.2 x 64 mm (7.33 x 8.04 x 2.52 inches)                                  |

Weight<sup>[2]</sup>

| Models                    | Weight                    |
|---------------------------|---------------------------|
| Tiny only                 | Around 1.25 kg (2.76 lbs) |
| With VESA mount & ODD box | Around 1.74 kg (3.84 lbs) |

Case Color

Black

**Bays**

1x 2.5" disk bay

**Expansion Slots**

Two M.2 slots (one for WLAN, one for SSD)

**EOU**

(Optional) toolless chassis open (toolless chassis screw required) and toolless M.2 SSD, HDD, memory assembly / removal

**Stand**

- Vertical stand
- No stand

**IO Box**

No IO box

**Mounting**

- VESA mount bracket kit, supports VESA mount 75mm and 100mm
- None

**Others**

- (Optional) Dust filter
- (Optional) Power adapter cage

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**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

**Onboard Ethernet**

Gigabit Ethernet, Intel Ethernet Connection I219-V, 1x RJ-45, supports Wake-on-LAN

**Optional Ethernet**

No optional Ethernet

**WLAN + Bluetooth<sup>®</sup>\*\***

- Realtek RTL8822CE, 802.11ac Dual Band 2x2 Wi-Fi<sup>®</sup> + Bluetooth 5.0, M.2 card
- Intel Wireless-AC 9560, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, Intel vPro<sup>®</sup> technology support, M.2 card
- Intel Wireless-AC 9560, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.1, M.2 card<sup>[1]</sup>
- Intel Wi-Fi 6 AX201, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card<sup>[2]</sup>
- No WLAN and Bluetooth

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**Notes:**

[1], [2] Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

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

**Front Ports**

- 1x USB-C 3.2 Gen 1
- 1x USB 3.2 Gen 2 (Always On and fast charge)
- 1x headphone / microphone combo jack (3.5mm)

**Optional Front Ports**

None

**Rear Ports**

- 2x USB 3.2 Gen 1
- 2x USB 3.2 Gen 2
- 1x HDMI
- 1x DisplayPort™
- 1x Ethernet (RJ-45)

**Optional Rear Ports**

\*\*\*

- Optional port 1 (one of VGA / 2nd DisplayPort / 2nd HDMI / serial / USB-C 2.0 with DisplayPort function)
- 2x DisplayPort ports (occupy Optional port 1 and 2)
- Optional port 2 (serial)
- 2x USB 3.2 Gen 1 ports (share one USB 3.2 Gen 1 bandwidth, occupy optional port 1 and 2)

**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.

## Monitor Cable

**Monitor Cable\*\*\***

- HDMI to HDMI cable (1.5m)
- HDMI to VGA dongle
- DP to VGA dongle
- DP to VGA cable (1.5M)
- DP to dual DP dongle
- DP to DVI-D dongle
- DP to HDMI dongle
- Dual DP to DVI
- Dual DP to HDMI
- No monitor cable

## SECURITY & PRIVACY

### Security

**Security Chip**

Discrete TPM 2.0, TCG certified

**Physical Locks**

Kensington® Security Slot™, 3 x 7 mm

**Chassis Intrusion Switch**

Chassis intrusion switch

**Fingerprint Reader**

- Touch style fingerprint reader on mouse (EOL on Jan, 2023)
- No fingerprint reader

**BIOS Security**

- Administrator password
- Power-on password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- Individual USB port disablement

## MANAGEABILITY

### System Management

**System Management**

Non-vPro

## SERVICE

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

### Base Warranty\*\*

- 1-year courier or carry-in service
- 1-year limited onsite service
- 3-year limited onsite service
- No base warranty

#### Notes:

[1] The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to <https://smartfind.lenovo.com/>. To learn more details of warranty policy, please access <https://pcsupport.lenovo.com/warranty>.

## ENVIRONMENTAL

### Operating Environment

#### Temperature

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage: -40°C (-40°F) to 60°C (140°F)

#### Humidity

- Operating: 20% to 80%
- Storage: 10% to 90%

#### Altitude

- Operating: 0 m (0 ft) to 3048 m (10,000 ft)
- Storage: 0 m (0 ft) to 12192 m (40,000 ft)

## CERTIFICATIONS

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

#### Green Certifications

- (Optional) EPEAT™ Gold Registered<sup>[2]</sup>
- (Optional) EPEAT Silver Registered<sup>[3]</sup>
- ENERGY STAR® 8.0
- 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], [3] EPEAT is registered where applicable, please see <https://www.epeat.net> for registration status by country.

### Other Certifications

#### Other Certifications

(Optional) TÜV Rheinland® Ultra Low Noise

#### Mil-Spec Test

MIL-STD-810H military test passed

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