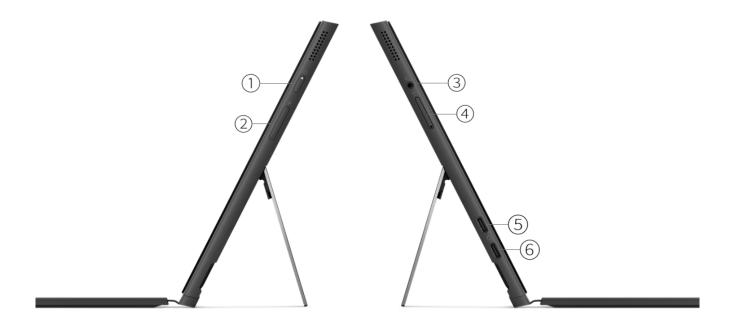# OVERVIEW

1. Power button	4. microSD card slot
2. Volume button	5. USB-C 3.2 Gen 1 (data transfer / DP 1.2 only)
3. Headphone / microphone combo jack (3.5mm)	6. USB-C 3.2 Gen 1

PERFORMANCE

Processor

Processor Family

Intel® Celeron® or Intel Pentium® Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Celeron N4020	2	2	1.1GHz	2.8GHz	4MB	Intel UHD Graphics 600
Pentium Silver N5030	4	4	1.1GHz	3.1GHz	4MB	Intel UHD Graphics 605

Operating System

Operating System**

- Windows® 10 Home 64
- Windows 10 Home 64 Single Language
- Windows 10 Home Single Language in S mode
- Windows 10 Home in S mode
- Windows 10 Pro 64
- Windows 11 Home Single Language in S mode
- Windows 11 Home in S mode
- Windows 11 Pro

Graphics

Graphics**

Graphics	Type	Memory	Key Features
Intel UHD Graphics 600	Integrated	Shared	DirectX® 12
Intel UHD Graphics 605	Integrated	Shared	DirectX 12

Monitor Support

Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via USB-C®)
• USB-C supports up to 3840x2160@60Hz

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory

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

Memory Slots

Memory soldered to systemboard, no slots

Memory Type

DDR4-2400

Storage

Storage Support[1]

- 64GB eMMC 5.1 on systemboard
- 128GB eMMC 5.1 on systemboard
- 256GB eMMC 5.1 on systemboard
- microSD card, supports FAT32 file up to 128GB

Storage Slot

eMMC on systemboard, no slots

Storage Type

IdeaPad Duet 3 10IGL5

Disk Type	Interface	Offering
Flash Memory	eMMC 5.1	64GB / 128GB / 256GB

Notes:

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

Removable Storage

Card Reader

microSD card slot

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 1W x2, optimized with Dolby® Audio™

Microphone

Dual-microphone array with 360° noise-cancelling, far-field

Camera

Front 2.0MP, fixed focus, rear 5.0MP, autofocus

Sensor

Sensors

- Accelerometer (G) sensor
- Gyroscope sensor
- Hall sensor

Battery

Battery

Integrated Li-Polymer 30Wh battery

Max Battery Life[1]

MobileMark® 2014: 9.3 hr
Local video (1080p) playback@150nits: 10.7 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[1]

- 45W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- No power adapter

Notes:

[1] AC adapter offerings depend on the country.

DESIGN

Display

Display[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate
10.3"	WUXGA	Multi-	IPS	340 nits	Glossy	16:10	1000:1	96% sRGB	60Hz

	(1920x1200)	touch								

Touchscreen

Capacitive-type multi-touch, supports 10-point touch

Notes:

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

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)
- No support (don't support pen input)

Keyboard

Keyboard with battery (Pogo pin, detachable, Bluetooth®)

Keyboard Backlight

Non-backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP)

Mechanical

Dimensions (WxDxH)[1]

Pad: 253 x 166 x 9.9 mm (9.96 x 6.53 x 0.38 inches)
Folio case: 252 x 165 x 6.0 mm (9.92 x 6.49 x 0.23 inches)

Weight[2]

Pad: starting at 597 g (1.32 lbs)
Folio: starting at 269 g (0.59 lbs)
Total: starting at 866 g (1.91 lbs)

Case Color

Graphite grey

Surface Treatment

Pad: painting
Kickstand: magnesium-aluminium painting

Case Material**

- Tablet: PC-ABS + magnesium-aluminium (kickstand)
- Folio: PC-ABS with PU

Others

- Buttons: power key with LED, volume key
- Kick-stand hinge: free stop

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 5.0

Notes:

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

Ports[1]

Standard Ports

- 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.2)
- 1x USB-C 3.2 Gen 1 (support data transfer and DisplayPort 1.2)
- 1x microSD card slot
- 1x Headphone / microphone combo jack (3.5mm)

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

Folio Keyboard with touchpad (Pogo pin, detachable)

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Fingerprint Reader

No fingerprint reader

BIOS Security

- Administrator password
- User password
- Master hard disk password
- User hard disk password

SERVICE

Warranty[1]

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

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[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 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).

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

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

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