

HONOR



HONOR Magic6 Pro

DESIGN

Squirrel Design
Star Wheel Triple Camera
IP68 Rated water and dust resistance¹
Colors²: Black, Epi Green

DIMENSIONS

Height: 162.5mm
Width: 75.8mm
Depth: 8.9mm
Weight: PU:225g, Glass:229g (battery included)³

DISPLAY

6.8-inch⁴ LTPO Quad Curved Floating Screen
Color Gamut: 1.07 billion colors, 100% DCI-P3, HDR10+
Refresh Rate: up to 120Hz Smart Refresh⁵
Peak HDR Brightness: 5000nits Peak HDR Brightness
Resolution⁶: 2800 x 1280 pixels **PPI:** 453
Dolby Vision Certification
Super Dynamic Vivid Display

Eye Comfort Features:

- Dynamic Dimming
- 4320Hz PWM Dimming⁷
- Nature Tone Display
- Customized Circadian Night Display
- TÜV Rheinland Circadian Friendly Certification
- TÜV Rheinland Full Care Display Certification

Durability

- HONOR NanoCrystal Shield
- SGS Glass Drop Resistance Ability in multiple scenarios 5 Star Certification

PERFORMANCE

Snapdragon 8 Gen 3 Mobile Platform
CPU: 1x Cortex-X4 3.3GHz + 3x Cortex-A720 3.2GHz + 2x Cortex-A720 3.0GHz + 2x Cortex-A520 2.3GHz
GPU: Adreno 750
RAM+ROM⁸: 12GB+512GB

1. This is not a waterproof mobile phone. It is splash-resistance, water-resistance, and dust-resistance under normal use. As tested in controlled laboratory conditions, it reaches the IP68 level the GB/T 4208-2017 (domestic)/IEC 60529 (overseas) standards. Splash, water and dust resistance are not permanent, and protection may be reduced by daily wear and tear. Do not charge the phone when it is wet. See the user guide for cleaning and drying instructions. Damage due to immersion in liquids is not covered under warranty.

2. Color availability may vary by region.

3. Data from HONOR labs. The actual size may vary based on the configuration, manufacturing process, and measurement method. The thickness of the phone does not include the raised camera lock up.

4. The data is provided by HONOR labs, the actual size may vary based on the configuration, manufacturing process, and measurement method. The thickness of the phone does not include the raised part of the camera.

5. With a rounded corners design on the display, the diagonal length of the exterior screen is 6.8 inches when measured according to the standard rectangle (the actual viewable area is slightly smaller).

6. The screen supports a maximum refresh rate of 120Hz, and the refresh rate may be varied slightly under different app interfaces and game image quality. Please refer to your actual experience.

7. The resolution measured as a standard rectangle; thus, the effective pixels are slightly less.

8. The screen supports a maximum high-frequency PWM dimming of 4320Hz, which takes effect in low-brightness scenarios. Please refer to the actual experience. The phone is not medical equipment and is not available for treatment.

9. The actual storage varies with the configuration. The available internal storage may be smaller as part of the internal storage is occupied by software.

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REAR CAMERA

DSLR-level Falcon Camera System:

- 180MP Periscope Telephoto Camera (1/1.4", f/2.6, 2.5x Optical Zoom, 100x Digital Zoom)
- 50MP Super Dynamic Falcon Main Camera H9000(f/1.4-f/2.0 Adjustable Aperture OIS)
- 50MP Ultra-wide Camera (f/2.0, 122° FOV)

Falcon Capture Algorithm

All range AI Motion Sensing capture

In-built Sensors:

- SMA Radar (AF+OIS 2 in 1)
- Multi-spectrum color temperature Sensor
- Flicker Sensor

FRONT CAMERA

50MP Ultra-wide Camera
3D TOF sensor

VIDEOGRAPHY

Video Resolution:

- 4K 60fps, 3840 x 2160 pixels

BATTERY

5600mAh HONOR 2nd Generation Silicon-carbon Battery⁹
HONOR Power Management System
Power Enhanced Chip HONOR E1
80W Wired and 66W Wireless HONOR SuperCharge¹⁰

SECURITY

Dual-TEE Security System (HTEE+QTEE)
Discrete Security Chipset
NFC Support

PRIVACY

3D Face Recognition
AI Privacy Call 3.0
Fingerprint Sensor Support

OPERATING SYSTEM

MagicOS 8.0 (based on Android 14)

WIRELESS CONNECTIVITY

Bluetooth 5.3
2.4GHz and 5GHz Wi-Fi 6 / Wi-Fi 7

WIRED CONNECTIVITY

Type-C, USB 3.1

AUDIO

Stereo System with Dual Speakers
DTS: X Ultra

NETWORK

Dual-SIM model (Nano SIM, dual stand-by)
5G NR, 4G TDD-LTE / FDD LTE, 3G WCDMA, 2G GSM

⁹. Typical value. The rated capacity of the non-removable battery is 5600mAh.

¹⁰. The actual charging power may vary with different scenarios intelligently. Please refer to actual situations.