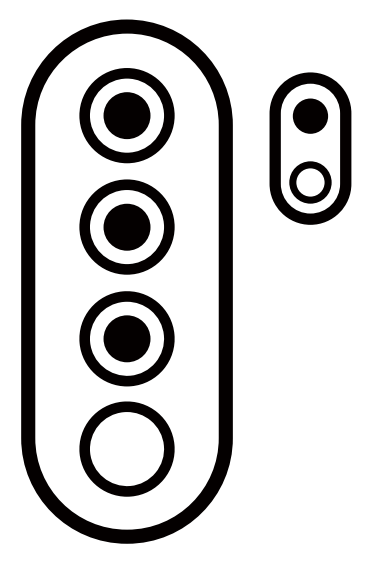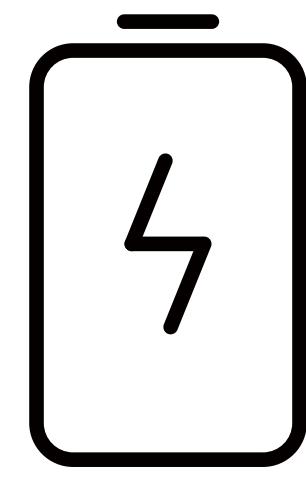# Redmi 9

AI quad camera ｜ 6.53" FHD+ display
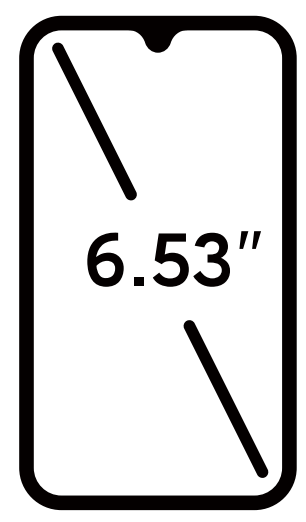

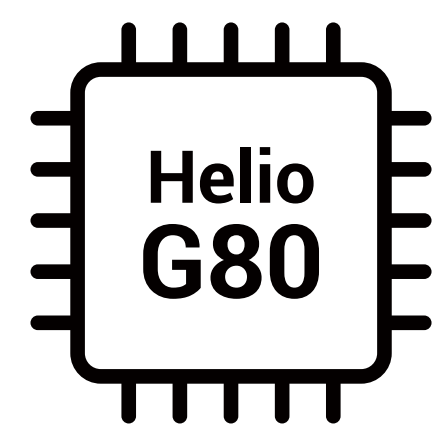**13MP AI quad camera**
Ultra wide-angle and macro lenses

5020mAh (typ) high-capacity battery
18W fast charge

6.53" FHD+ Dot Drop display
1080p high resolution

High-performance Helio G80
Octa-core processor, up to 2.0GHz

13MP AI quad camera

Redmi 9 provides all the premium features you deserve at an honest price without compromise. It's all-purpose AI quad-camera setting allows you to snap quick pictures, close-up macro shots, ultra wide-angle shots and even portraits. Users can also unleash their creativity using premium camera features such as kaleidoscope, and palm shutter.

5020mAh (typ) high-capacity battery

Equipped with a large 5020mAh (typ) battery, Redmi 9 remains charged for a full day of activities, even under heavy usage. With up to 18W fast charging technology, it also allows you to quickly recharge and get back into the game in no time.

6.53" FHD+ Dot Drop display

Featuring a best-in-class 6.53" FHD+ Dot Drop display and a 1080p resolution, Redmi 9 provides the visual experience you deserve. Bright, crisp colors burst out from a nealy bezel-less screen so your video and gaming experience is truly immersive.

High-performance Helio G80

Redmi 9 is built for those who want it all. The powerful MediaTek Helio G80 is optimized for longer battery life, smoother uninterrupted gaming, and enables ultra-fast and secure face unlock.

*Availability may vary between different markets.

Camera
- 13MP+8MP+5MP+2MP quad rear camera
  - 13MP wide-angle camera
    - f/2.2, AF, 1/3.06" sensor, 1.12μm pixel size
    - 5P lens, f/2.2, 75.2° FOV
  - 8MP ultra wide-angle camera
    - 118° FOV, 1/4" sensor, 1.12μm pixel size
    - 5P lens, f/2.2
  - 5MP macro camera
    - 1/5" sensor, 1.12μm pixel size
    - 3P lens, FF(4cm), f/2.4
  - 2MP depth sensor
    - 1/5" sensor, 1.75μm pixel size
    - 3P lens, f/2.4
  - Kaleidoscope, HDR, Cinematic portraits
    Macro video mode, Beautify mode
    1080p video recording@30fps

- 8MP selfie camera
    - 1/4" sensor, 1.12μm pixel size
    - 4P lens, f/2.0
  - Kaleidoscope, Palm shutter, Cinematic portraits
    Screen flash, Portrait mode

Display&Design
- 6.53" FHD+ Dot Drop display
- 19.5:9 2340 x 1080 resolution
- 400 nit (typ) brightness
- Color contrast ratio: 1500:1 (typ)
- NTSC: 70% (typ)
- TÜV Rheinland low blue light certification
- Reading mode 2.0
- Dimensions: 163.32 x 77.01 x 9.1mm
- Weight: 198g
- Available colors: Carbon Grey, Ocean Green, Sunset Purple
- Splash-proof nano coating
- Corning® Gorilla® Glass 3 on the front

Performance
- MediaTek Helio G80
  - 12nm process technology
  - Oct-core CPU, up to 2.0GHz
  - Mali-G52 MC2 GPU, 950 MHz
- LPDDR4X RAM, eMMC 5.1 storage
  - 3GB+32GB, 4GB+64GB*
  - Expandable storage up to 512GB

Operating system
- MIUI 11 based on Android 10

Battery&Charging
- 5020mAh (typ) battery
- Supports 18W wired fast charge
- In-box charger: 10W
- Supports OTG reverse charging
- Supports Quick Charge™ 3.0

Connectivity
- Support dual nano SIM + micro SD
- Dual 4G standby
- Bands:
    - GSM:B2/3/5/8
    - WCDMA:B1/2/4/5/8
    - TDD LTE version 1: B38/40/41(2540-2640MHz)
    - TDD LTE version 2: B38/40
    - FDD LTE: B1/2/3/4/5/7/8/20/28
- USB Type-C
- 3.5mm headphone jack
- Bluetooth 5.0
- Multi-functional NFC*
- IR blaster

Security
- Rear fingerprint sensor
- Face unlock