



Xiaomi 12

Master every scene



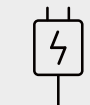
50MP Pro-grade main camera
Ultra-wide and telephoto lenses



Leading Snapdragon® 8 Gen 1
Advanced 4nm processor with dual 5G



All-round elevated sensory experience
120Hz AMOLED display
Dual speakers, SOUND BY Harman Kardon



67W wired and 50W wireless turbo charging
Long-lasting 4,500mAh(typ) battery

Performance

- Snapdragon® 8 Gen 1
 - 4nm power-efficient manufacturing process
- ARM-V9
 - 1x ARM Cortex-X2 @ 3.0GHz
 - 3x ARM Cortex-A710 @ 2.5GHz
 - 4x ARM Cortex-A510 @ 1.8GHz
- Qualcomm® Adreno™
- LPDDR5 RAM + UFS 3.1 storage
- LiquidCool Technology
- MIUI 13 with Android 12

Camera

- 50MP wide angle camera
 - f/1.88, 6P lens
 - 2µm 4-in-1 Super Pixel
 - 8K recording
 - 4K HDR 10+ recording
 - Ultra Night Video, One-click AI cinema
 - Xiaomi ProFocus (Motion tracking focus/Eye tracking focus/Motion Capture)
 - Portrait Night mode, Portrait HDR
- 13MP ultra-wide angle camera
 - 123° FOV, f/2.4
- 5MP telephoto camera
 - 50mm equivalent focal length, Auto Focus
- Night mode (wide/ultra wide)
- 32MP in-display selfie camera
 - 1.4µm 4-in-1 Super Pixel, f/2.45
 - HDR 10+ recording, AI portrait video, Selfie Night mode

Battery & Charging

- 4,500mAh (typ) battery
- 67W wired turbo charging
- 50W wireless turbo charging
- 10W reverse wireless charging
- Xiaomi AdaptiveCharge

Display & Design

- 120Hz 6.28" AMOLED DotDisplay
 - DisplayMate A+
 - Aspect ratio: 20:9
 - FHD+, 2400 x 1080
 - TrueColor
 - Brightness: 1,100 nits peak brightness(typ)
 - Contrast ratio: 5,000,000:1(typ)
 - 16,000 brightness adjustment
 - Over 68 billion colors
 - Dolby Vision®, HDR 10+ support
 - 120Hz AdaptiveSync
 - Up to 480Hz touch sampling rate
 - 360° ambient light sensor
 - Low blue light certification
 - X-axis linear vibration motor
- Dimensions: 152.70mm x 69.90mm x 8.16mm
- Weight: 180g²
- Corning® Gorilla® Glass Victus®
- Color: Gray, Purple and Blue

Audio

- Symmetrical dual speakers
- SOUND BY Harman Kardon
- Dolby Atmos®

Connectivity

- Type-C
- Dual SIM, dual 5G standby³
- Supports NFC⁴
- Bluetooth 5.2
- Bands
 - 5G: n1/n3/n5/n7/n8/n20/n28/n38/ n40/n41/n66/n77/n78/n79
 - 4G: LTE FDD: B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/32/66
 - 4G: LTE TDD: B38/39/40/41/42/48
 - 3G: WCDMA: B1/2/4/5/6/8/19
 - 2G: GSM: 850 900 1800 1900 MHz
- Wi-Fi 6/ Wi-Fi 6E⁵

Compact design for comfort, and iconic aesthetics with style

Xiaomi 12 features a compact design for comfortable one-handed operation with flagship capabilities. With a large 6.28-inch display, the phone measures only 69.9mm in width, bringing the perfect fit in your palm. Embodied in an all-new iconic design, Xiaomi 12 arrives in three color variants including Gray, Purple, and Blue.

Next-gen high-end performance with Snapdragon® 8 Gen 1

Featuring Qualcomm's most advanced mobile platform, Snapdragon® 8 Gen 1, the device sets the bar for next-generation computing with a cutting-edge 4nm technology process. While the GPU capabilities have increased 30% in terms of graphics rendering, and energy efficiency has increased 25%, Xiaomi 12 is capable of delivering unprecedented levels of performance and power efficiency over its predecessor¹. In addition, Xiaomi 12 features UFS 3.1 for next-level loading speeds and data transfers, as well as LPDDR5 RAM, with memory speeds reaching up to 6,400Mbps. Xiaomi 12 packs a massive cooling system within its compact size, featuring an extra-large 2,600mm² VC and more than 10,000mm² of heat-dissipating graphite, to ensure extra smooth and stable performance.

Hardware-software breakthroughs capture truly cinematic shots

Xiaomi 12 boasts a 50MP pro-grade main camera, a 13MP ultra-wide angle camera, and a 5MP telephoto camera. To complement the impressive hardware, the device is also equipped with Xiaomi's advanced AI algorithm across a wide range of scenarios to enable cinematic capabilities with professional special effects and creative options including Xiaomi ProFocus, One-click AI cinema, etc. Meanwhile, Ultra Night Video excels at videography in low-light conditions, with various portrait modes enabling users to capture studio-quality shots.

All-round exhilarating sensory experience

Xiaomi 12 features a 6.28-inch AMOLED screen with an FHD+ resolution of 2400 x 1080, provides over 68 billion colors, and comes with TrueColor display delivered by professional color calibration. The device also supports a 120Hz AdaptiveSync refresh rate and up to 480Hz touch sampling rate, ensuring an incredibly smooth entertainment experience. Featuring Dolby Vision® and HDR 10+, users can enjoy ultra-vivid images backed by incredible brightness, contrast, and colors full of details. All the while, accredited with Low blue light certification, Xiaomi 12 is designed with caring for users' eyes.

This immersive visual experience is also complemented by an outstanding audio experience. Powered by a pair of symmetrical speakers, Xiaomi 12 boasts cinematic-grade stereo sound delivered with SOUND BY Harman Kardon, and supports Dolby Atmos®.

Long-lasting 4,500mAh battery in a compact body

Hard as it is to believe, Xiaomi 12 packs a 4,500mAh battery in its extremely compact body, thanks to upgraded high-power density battery material, to offer all-day use and life free from battery anxiety. For a better battery life, Xiaomi AdaptiveCharge - Xiaomi's smart charging algorithm, works in tandem to learn users' overnight charging behavior and optimizing accordingly. Xiaomi 12 also supports Xiaomi 67W wired and 50W wireless turbo charging.

¹ Data from ©2022 Qualcomm Technologies, Inc.

² Product weight and related specifications are theoretical values only. Actual measurements between individual products may vary. All specifications are subject to the actual product.

³ 5G connectivity may vary based on region availability and local operator support.

⁴ NFC availability may vary between markets.

⁵ Wi-Fi 6/Wi-Fi 6E connectivity may vary based on region availability and local network, for most countries and areas, Wi-Fi 6 is not supported by the devices and needs to be added via OTA where applicable.