Xiaomi 12X

Master every scene

50MP pro-grade main camera
Ultra-wide angle and telemacro lenses

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

Flagship Qualcomm® Snapdragon™ 870
Connect to 5G with flagship speed

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

Performance
- Qualcomm® Snapdragon™ 870
  - 1x ARM Cortex-A77 @ 3.2GHz
  - 3x ARM Cortex-A77 @ 2.4GHz
  - 4x ARM Cortex-A55 @ 1.8GHz
- Qualcomm® Adreno™ 650
- LPDDR5 RAM + UFS 3.1 storage
- LiquidCool Technology
- MIUI 13 with Android 11

Camera
- 50MP main camera
  - F/1.88, 6P lens
  - 2μm 4-in-1 Super Pixel
  - 8K recording
- 13 MP ultra-wide angle camera
  - 123° FOV, f/2.4
- 5MP telemacro camera
  - 50mm equivalent focal length, Auto Focus
- Night mode
- 32MP in-display selfie camera
  - f/2.45, 1.4μm 4-in-1 Super Pixel
  - Selfie Night Mode, AI portrait video, Time-lapse selfie

Battery & Charging
- 4,500mAh battery
- 67W wired turbo charging

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
  - Dolby Vision®, HDR 10+ support
  - Over 68 billion colors
  - 120Hz AdaptiveSync
  - Up to 480Hz touch sampling rate
  - X-axis linear vibration motor
  - Low Blue Light Certification
- Dimensions: 152.70mm x 69.90mm x 8.16mm
- Weight: 176g[1]
- 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[2] standby
- Supports NFC[3]
- Bluetooth 5.1
- Bands
  - 5G: n1/n3/n5/n7/n8/n20/n28/n38/ n40/n41/n66/n77/n78
  - 4G: LTE FDD: B1/2/3/4/5/7/8/12/13/17/18/19/20/26/28/32/66
  - 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[4]

Compact design for comfort, iconic aesthetics with style

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

Versatile 50MP pro-grade main camera

Xiaomi 12X boasts a 50MP pro-grade main camera, a 13MP ultra-wide angle camera, and a 5MP telemacro camera. Designed for versatile shooting and filming, Xiaomi 12X offers strong AI computational capabilities, 8K recording and a set of professional level of Movie frames to empower consumers mastering every scene. Meanwhile Night Mode is available not only on the main camera, but also on the ultra-wide and 32MP front camera, offering more flexibility to capture amazing night shots.

All-round elevated sensory experience

Xiaomi 12X features a 6.28-inch AMOLED screen with TrueColor, provides over 68 billion colors, and supports 1,100 nits peak brightness to deliver a vivid viewing experience with spectacular images. The device also supports 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 a low blue light certification, Xiaomi 12X is designed with caring for users' eyes. This immersive visual experience is complemented by an outstanding audio experience. Powered by a pair of symmetrical speakers, Xiaomi 12X boasts cinematic-grade stereo sound delivered with SOUND BY Harman Kardon, and supports Dolby Atmos®.

Performance powered by flagship 5G processor

Powering Xiaomi 12X is the highly popular flagship processor Qualcomm® Snapdragon™ 870. Building on the powerful chipset, Xiaomi 12X is geared up with boosted performance, high speeds, incredible capacity, and widespread accessibility to 5G. In addition, Xiaomi 12X 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 12X even 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.

A long-lasting 4,500mAh battery in a compact body

Hard as it is to believe, Xiaomi 12X packs a large 4,500mAh battery in its compact body, thanks to the 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 12X also supports 67W wired turbo charging.