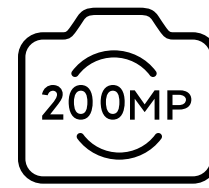# Redmi Note 12 Pro+ 5G

Live vivid

Display & Design
- 6.67" FHD+ Flow AMOLED display
  - Up to 120Hz refresh rate
  - DCI-P3 wide color gamut
  - Resolution: 2400 x 1080
  - Brightness: 900 nits peak brightness
  - Support Dolby Vision®
- Colors: Midnight Black, Polar White, Sky Blue
- Dimensions: 162.9mm x 76mm x 8.98mm
- Weight: 210.5g
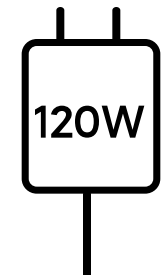- Corning® Gorilla® Glass 5 protection
- IP53 Splash-proof tested

Camera
200MP+8MP+2MP rear camera
- 200MP wide camera
  - OIS
  - 1/1.4" sensor size
  - 0.56µm pixel size, 1.12µm 4-in-1, 2.24µm 16-in-1 Super Pixel size
  - f/1.65
- 8MP ultra-wide camera
  - f/2.2, FOV 119°
- 2MP macro camera
  - f/2.4
- **16MP front camera**
  - f/2.45

Performance
- MediaTek Dimensity 1080
  - CPU: Octa-core CPU, up to 2.6GHz
  - GPU: Mali-G68
- LiquidCool Technology
- LPDDR4X + UFS2.2 Storage
  - 8GB+256GB[1]
- MIUI 14 based on Android 12

Battery & Charging
- 5,000mAh (typ) battery
- 120W HyperCharge[3]
- 120W in-box charger
- USB-C

Audio
- Dual speakers
- Dobly Atmos®
- 3.5mm headphone jack

Connectivity
- Supports dual 5G
- Wi-Fi 6
- Bluetooth 5.2
- Supports NFC[4]
- IR Blaster
- Bands:
  - 2G: GSM:850 900 1800 1900 MHz
  - 3G: WCDMA: 1/2/4/5/6/8/19
  - 4G: LTE FDD: 1/2/3/4/5/7/8/12/13/17/18/19/20/26/28/32/66
  - 4G: LTE TDD: 38/40/41
  - 5G: n1/3/5/7/8/20/28/38/40/41/66/77/78[5]

Security
- Side fingerprint sensor
- AI Face Unlock

Revolutionary 200MP camera with OIS
Ultra-wide and macro lenses

Vivid 120Hz AMOLED display
Dolby Vision® and Dolby Atmos® supported

Smart 120W HyperCharge
5000mAh (typ) long-lasting battery

Versatile MediaTek Dimensity 1080
Advanced 6nm process, 5G ready

Redefining photography for upper mid-range smartphones
Featuring the most powerful camera system within Redmi Note 12 Series, Redmi Note 12 Pro+ 5G aims at offering users an extraordinary image quality. Equipped with an ultimate 200MP sensor, Redmi Note 12 Pro+ 5G is designed to redefine the smartphone photography in the upper mid–range segment, allowing you to capture every hidden detail in your shots with industry–leading camera resolution. Night photos are enhanced with a stronger lens setup, offering 159% improvement in low light capture for challenging scenes. The main camera also features ALD (Atomic Layer Deposition), which allows for better image performance in complex lighting conditions. For the first time in Redmi Note Series, Redmi Note 12 Pro+ 5G features OIS, enabling it to capture stable and clear shots in low light conditions, bringing a flagship photography experience to everyone.

AI photography powers up your creativity, discovering unlimited possibilities
Redmi Note 12 Pro+ 5G boasts not only amazing camera hardware, but also cutting-edge software such as Xiaomi AI Image Solution and Xiaomi ProCut. With Xiaomi AI Image Solution, this phone is capable of intelligently detecting subjects and features enhanced image quality with computational photography, as well as accelerated image processing speed. Xiaomi ProCut feature allows for effortless photo composition with AI assistance, offering users more options for editing and post-production. Once you've taken a photo under 200MP mode, simply review it in your gallery, and the system automatically detects human and animal subjects, providing suggested photos in popular aspect ratios to choose from. Furthermore, Redmi Note 12 Pro+ 5G now includes a unique film camera feature that adds a vintage vibe to your photos, perfect for fun social media posts.

Long-lasting power and impressive performance
Redmi Note 12 Pro+ 5G comes with a large 5,000mAh battery as well as 120W HyperCharge. Bringing a welcome level of freedom, its Smart 120W HyperCharge can charge the smartphone to 100% in 19 minutes.[1] You no longer have to worry about charging your phone on a schedule since you can plug it in anytime, whether you're brushing your teeth or enjoying a cup of coffee. With Xiaomi Surge P1 chipset, Redmi Note 12 Pro+ 5G boasts improved battery health and overall battery efficency. You can now replace your phone whenever you want, not when you need to, thanks to the extended battery usage and improved overall battery health performance.
Powered by the high-performance MediaTek Dimensity 1080 processor, Redmi Note 12 Pro+ 5G delivers all-round impressive performances across video and image creation, gaming, and smooth 5G connectivity. It also boasts a powerful cooling system for long-lasting performance, with a large 3,000mm² total heat dissipation area, no more worries to try a new game on your device.

Ultra-clear Flow AMOLED display and attractive minimalistic design
Redmi Note 12 Pro+ 5G features flagship 120Hz refresh rate, allowing for an unprecedented amazing scrolling and gaming experience. The device's screen is made of advanced flexible materials using Flow AMOLED, the first-ever flexible AMOLED in Redmi Note Series, bringing slimmer bezels and offering a more immersive viewing experience. The remarkable display improves color performance, increases brightness and delivers over 1 billion colors with smooth gradation between colors and shades. Additionally, it supports Dolby Vision® for an immersive viewing experience for videos and gaming. Whether it's watching videos on the beach, sharing photos from your day hike or checking out social media during your lunch, the device will offer you a magnificent display under any lighting condition.
The design of the device combines asymmetrical design language and artistic geometry for a dynamic balance of aesthetic elements. This is enhanced by the texture of the smartphone body, showcasing a new material made with advanced CMF process and polished glass back that gives off premium look and feel. Redmi Note 12 Pro+ 5G is available in three classic colors: Polar White, Sky Blue, Midnight Black.

[1] Data from Xiaomi Internal Labs. Actual battery life may vary depending on network environment, usage patterns and other factors. The maximum capacity of battery will naturally decrease with time and usage.
[2] Available storage and RAM are less than the total memory due to storage of the operating system and software pre-installed on the device.
[3] Maximum output power may not be 120W based on different voltage inputs in some regions.
[4] NFC availability may vary between markets.
[5] 5G connectivity may vary based on regional availability and local operator support.