Redmi Note 12S
Live vivid

Display & Design
- 6.43" FHD+ AMOLED DotDisplay
  - Up to 90Hz refresh rate
  - DCI-P3 wide color gamut
  - Resolution: 2400 x 1080
  - Brightness: HBM 700 nits (typ), 1,000 nits peak brightness (typ)
  - Sunlight display, Reading mode 3.0
- Colors: Ice Blue, Pearl Green, Onyx Black
- Dimensions: 159.87mm x 73.87mm x 8.09mm
- Weight: 176g
- Corning® Gorilla® Glass 3 front
- IP53 Splash-proof tested

Camera
108MP+8MP+2MP AI triple rear camera
- 108MP main camera
  - 0.7µm pixel size, 2.1µm 9-in-1 Super Pixel size
  - 1/1.52" sensor size
  - f/1.89
- 8MP ultra-wide camera
  - f/2.2, FOV 118°
- 2MP macro camera
  - f/2.4
16MP front camera
- f/2.45

Performance
- MediaTek Helio G96
  - CPU : Octa-core CPU, up to 2.05GHz
  - GPU : ARM Mali-G57 MC2
- LiquidCool Technology
- LPDDR4X RAM + UFS 2.2 storage
  - 6GB+128GB, 8GB+256GB
  - Expandable storage up to 1TB[1]
- MIUI 14, based on Android 13

Battery & Charging
- 5,000mAh (typ) battery
- 33W fast charging
- 33W in-box charger
- USB-C

Audio
- Dual speakers
- 3.5mm headphone jack

Connectivity
- Dual SIM + MicroSD
- Wi-Fi 2.4GHz, 5GHz
- Bluetooth 5.1
- Supports NFC[2]
- IR Blaster
- Bands:
  - 2G: GSM: 2/3/5/8
  - 3G: WCDMA: 1/2/4/5/8
  - 4G: LTE FDD: 1/2/3/4/5/7/8/12/13/17/20/26/28/32/66
  - 4G: LTE TDD: 38/40/41

Security
- Side fingerprint sensor
- AI Face Unlock

108MP pro-grade camera
Ultra-wide and macro lenses

Smooth 90Hz AMOLED display
Dual speakers

33W fast charging
Long-lasting 5000mAh (typ) battery

Powerful MediaTek Helio G96
Large internal storage capacity

Versatile 108MP triple camera with powerful software
Redmi Note 12S allows you to see the world from every angle thanks to its triple camera system featuring a 108MP main camera, an ultra-wide lens, and a dedicated macro lens.
Take your photography to the next level with a 108MP main camera capable of incredible shots. Redmi Note 12S never misses any details, allowing you to capture and tell your story with amazing clarity and image quality. Even better, it also comes with filmCamera and Xiaomi ProCut feature to transform ordinary photos into nostalgic expressions of art and identity.

Smoother scrolling with 90Hz AMOLED DotDisplay
With a high refresh rate up to 90Hz and a touch sampling rate up to 180Hz, Redmi Note 12S offers you a smooth experience with lag-free transitions, while also registering more precise finger touches. Featuring an AMOLED display with peak brightness of up to 1,000 nits, read the contents on your phone clearly even in bright daylight. Moreover, you can enjoy your favorite content and games with greater audiovisual immersion thanks to a dual speaker audio system on Redmi Note 12S.

Stylish, trendy and lightweight design
To ensure a comfortable in-hand grip, Redmi Note 12S manages to pack a large 5,000mAh battery under a 8.09mm thin and 179g light body. Enabled by Mi FC and MMT technology, charge up quickly with 33W fast charging. Coming in three vivid colors, Ice Blue, Pearl Green and Onyx Black to match your vibe.

Powerful MediaTek Helio G96 delivers a smooth all-around performance
Powered by an advanced octa-core MediaTek Helio G96 processor and up to 8GB of RAM, Redmi Note 12S delivers a notably boosted performance, leading to a much faster user experience. Whether it's capturing incredible photos and videos, watching movies, or scrolling social media, Redmi Note 12S also come with all the space and capacity you need. Even so, you can take it to the next level with support for expandable storage up to 1TB and 5GB of extra RAM with Memory extension.

[1] Available storage and RAM are less than the total memory due to storage of the operating system and software pre-installed on the device.
[2] NFC availability may vary by market.