Display

6.43" FHD+ AMOLED DotDisplayRefresh rate: Up to 90HzBrightness: HBM 700 nits (typ), 1000 nits peak brightness (typ) Contrast ratio: 4,500,000:1Resolution: 2400 x 1080DCI-P3 wide color gamut409 ppiSunlight display Reading mode 3.0

Design

159.87\*73.87\*8.09mm176gIce Blue, Pearl Green, Onyx Black

Rear camera

108MP wide camera108MPf/1.90.7μm, 9-in-1 binning into one large 2.1μm pixel1/1.52” sensor size8MP ultra-wide camera118°f/2.22MP macro cameraf/2.4Rear camera video recording1080p 1920x1080 | 30fps720p 1280x720 | 30fps

Front camera

16MP front cameraf/2.4Front camera video recording1080p 1920x1080 | 30fps720p 1280x720 | 30fps

Memory

6+128/8+256GBLPDDR4X + UFS2.2Expandable storage up to 1TB\*Available storage and RAM are less than the total memory due to storage of the operating system and software pre-installed on the device.

Battery

5000mAh (typ)

Charging

33W fast charging33W in-box chargerUSB-C

Security & Authentication

Side fingerprint sensorAI Face Unlock

Sensor

Proximity sensor | Ambient light sensor | Accelerometer | Electronic compass | IR blaster ｜Gyroscope

UI and system

MIUI 14, based on Android 13

Package in the box

Redmi Note 12S / Adapter / USB Type-C Cable / SIM Eject Tool / Protective Case / Quick Start Guide / Warranty Card /