

Xiaomi 14 Ultra



CO-ENGINEERED WITH 

Lens to legend



Leica Summilux optical lens
75mm floating telephoto and 120mm periscope



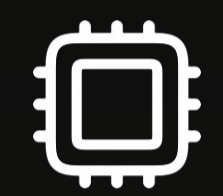
Leica 1-inch main camera
f/1.63-f/4.0 stepless variable aperture



Leica quad camera system
Four lens, six focal lengths



All Around Liquid Display
Smooth refined design, immersive viewing



Snapdragon® 8 Gen 3 Mobile Platform
Ultra-fast and power-efficient



WQHD+ dynamic 1-120Hz AMOLED
Super smooth responsiveness and incredible details



Design

- Dimensions: 161.4mm x 75.3mm x 9.2mm¹
- Weight: 219.8g¹
- Xiaomi Shield Glass Front
- Xiaomi nano-tech vegan leather back
- IP68²
- Colors: Black, White

Camera

Rear Camera

- LEICA VARIO-SUMMILUX 1:1.63-2.5/12-120 ASPH.
- 23mm Leica 1-inch main camera
 - f/1.63-f/4.0 stepless variable aperture
 - 50MP wide-angle camera
 - LYT-900, 1" sensor size
 - 1.6µm pixel size, 3.2µm 4-in-1 Super Pixel
 - OIS, 8P aspherical lens
- 75mm Leica floating telephoto camera
 - 50MP IMX858
 - f/1.8, OIS
 - Supports 10cm macro photography
- 120mm Leica periscope camera
 - 50MP IMX858
 - f/2.5, OIS
 - Supports 30cm macro photography
- 12mm Leica ultra-wide camera
 - 50MP IMX858
 - f/1.8, 122° FOV
 - AF
 - Supports 5cm macro photography
- Two Leica photographic styles: Leica Authentic Look, Leica Vibrant Look
- Leica Filters: Leica Sepia, Leica Blue, Leica Vivid, Leica Natural, Leica BW Natural and Leica BW High Contrast
- Master-lens system: 35mm Documentary, 50mm Swirly bokeh, 75mm Portrait, and 90mm Soft focus
- Six focal lengths: 12mm (ultra-wide), 23mm (wide), 75mm (telephoto), 120mm (periscope), extra 46mm and 240mm focal lengths through In-Sensor-Zoom.
- MasterCinema
- Movie mode
- 8K professional video recording at 30fps across all 4 lenses
- 10-bit LOG video recording, supports LUT import
- 16-bit Ultra RAW

Front Camera

- 32MP in-display selfie camera
 - f/2.0
 - 1/3.14" pixel size
 - Dynamic Framing (0.8x, 1x)
 - Night mode
 - HDR
 - Portrait mode with bokeh and depth control

Display

- 120Hz WQHD+ 6.73" AMOLED display
 - 20:9, 3200 x 1440, 522 ppi
 - 1-120Hz LTPO: AdaptiveSync Pro, up to 240Hz touch sampling rate³
 - Brightness: HBM 1000 nits (typ), 3000 nits (peak)
 - DCI-P3 color gamut
 - 68 billion colors
- Pro HDR display
- Dolby Vision⁴, HDR10+, HDR10, HLG
- Adaptive reading mode
- Sunlight mode
- 1920Hz PWM dimming / DC dimming
- TÜV Rheinland Low Blue Light (Hardware Solution) Certified
- TÜV Rheinland Flicker Free Certified
- TÜV Rheinland Circadian Friendly Certified

Performance

- Snapdragon® 8 Gen 3 Mobile Platform
 - 4nm power-efficient manufacturing process
 - Qualcomm® Adreno™ GPU
 - Snapdragon™ X75 5G Modem-RF System
- LPDDR5X + UFS 4.0 Storage
 - 16GB+512GB
- Xiaomi HyperOS
- Xiaomi Dual-Channel IceLoop system

Battery & Charging

- 5000mAh (typ) battery
- Xiaomi AdaptiveCharge
- 90W wired HyperCharge
- 80W wireless HyperCharge⁴
- Reverse wireless charging

Audio

- Stereo speakers
- 4-MIC Array
- Dolby Atmos⁵

Connectivity

- Dual SIM⁵
- Wi-Fi 7 capability⁶
- Supports NFC⁷
- Bluetooth® 5.4
- 5G: Supports NSA + SA
- Bands:
 - 5G NR: n1/2/3/5/7/8/20/28/38/40/41/48/66⁸/77/78/79
 - 4G: LTE FDD: 1/2/3/4/5/7/8/18/19/20/26/28/66⁸
 - 4G: LTE TDD: 38/40/41/42/48
 - 3G: WCDMA: 1/2/4/5/6/8/19
 - 2G: GSM: 2/3/5/8



Pushing the boundary of mobile imaging capabilities

Xiaomi 14 Ultra boasts the pinnacle of mobile optics with a quad-camera setup that redefines mobile imaging excellence, offering unmatched professional photography and videography capabilities and setting new industry standards.

Xiaomi 14 Ultra's main camera showcases a stepless variable aperture from f/1.63-f/4.0, ensuring precise light adjustment both in and out. In Pro mode, users can fine-tune exposure with 0.01-stop increments for creative flexibility. With a flagship LYT-900 1-inch image sensor and Dual Native ISO Fusion Max tech, it achieves an impressive 14EV dynamic range. This lens and sensor combination excels in capturing intricate details, both in highlights and shadows, enabling diverse artistic expressions.

The Leica 75mm floating telephoto camera defies space constraints by enabling the lens to adjust within the camera itself, resulting in an exceptional minimum focusing distance of just 10cm. This makes it an extraordinary camera suitable for both close-up macros and stunning portraits. The Leica 120mm periscope camera improves light intake by 44% compared to its predecessor, Xiaomi 13 Ultra, ensuring unmatched clarity when capturing distant subjects.¹ Lastly, the Leica 12mm ultra-wide camera proves ideal for capturing expansive landscapes and navigating tight spaces, boasting an impressive 5cm minimum focusing distance that unlocks wide-angle macro capabilities.

Professional video production in your pocket

Introducing Movie mode in Xiaomi 14 Series, a game-changer for mobile videography enthusiasts. This mode embraces cinematic practices with a 2.39:1 aspect ratio and the 180° shutter rule, delivering videos with an authentic cinematic look and motion blur. Plus, AI-driven features like AutoFrame keep your subjects prominent, and Automatic Zoom offers smooth, customizable zooming.

The all-new MasterCinema takes video recording to the next height, encoding high-dynamic-range videos in 10-bit Rec.2020. This feature ensures more details in highlights and shadows, offering a rich and true-to-life visual experience that surpasses the previous 8-bit BT.709 standard, especially on HDR screens.

Director mode is designed to offer users aspiring to achieve professional-grade mobile video production an interface reminiscent of professional camera equipment. It delivers a cinematic filming experience with advanced parameter controls and Log format recording for increased post-production flexibility. Furthermore, it effortlessly integrates with various Xiaomi devices, including Xiaomi Pad 6S Pro 12.4, transforming them into external monitors to enhance the overall professional production experience.¹¹

Become a professional creator with the Xiaomi 14 Ultra Photography Kit, available for separate purchase. Designed for photography and videography enthusiasts, Xiaomi 14 Ultra Photography Kit includes a dedicated grip and case with features like a two-stage shutter button, zoom lever, customizable video recording button, and an extra custom dial. Plus, a 67mm filter adaptor lets you explore creative possibilities with lens filters, and even serves as a charging battery bank, providing an extra 1500mAh for extended shooting sessions.

Enchanting visuals with pleasurable viewing experiences

Indulge in an unparalleled visual feast through the WQHD+ 6.73" AMOLED display, made with the Xiaomi-custom C8 luminescent material, boasting a stunning 3200 x 1440 2K resolution, an impressive pixel density of 522 ppi, and a variable 1-120Hz refresh rate, offering not only crisp clarity but also adaptive smoothness. Even in the brightest sunlight, this display shines with a peak brightness of 3000 nits, ensuring vibrant colors and clarity.

Supporting a 12-bit color depth and an extensive array of HDR formats, including Dolby Vision®, HDR10+, HDR10, and HLG, Xiaomi 14 Ultra delivers a spectrum of rich and true-to-life colors.

Xiaomi 14 Ultra has undergone rigorous testing and acquired triple TÜV Rheinland EyeCare certifications, including TÜV Rheinland Low Blue Light (Hardware Solution) Certified, TÜV Rheinland Flicker Free Certified, and TÜV Rheinland Circadian Friendly Certified to ensure optimal eye protection during prolonged viewing periods.

Premium aesthetics and breakthrough design solutions

Xiaomi 14 Ultra offers two timeless color options: Black and White. Drawing inspiration from traditional camera aesthetics, the device showcases a distinctive circular camera module, underscoring the device's commitment to exceptional photography.

Xiaomi 14 Ultra is engineered around the robust Xiaomi Guardian Structure, comprising of the high-strength aluminum frame, Xiaomi nano-tech vegan leather, and Xiaomi Shield Glass. Crafted from a single piece of aluminum block, Xiaomi 14 Ultra offers a remarkable 1.38x improved frame strength. Xiaomi nano-tech vegan leather features a newly developed formula, resulting in a thinner and lighter finish with 6x improved wear resistance. Xiaomi Shield Glass boasts enhanced shatter resistance, particularly at the corners, adopting a special powder formula, heated at over 1600°C to allow the formation of robust microcrystalline interlocking structures, resulting in a remarkable 10 times higher drop resistance than Xiaomi 13 Ultra while maintaining outstanding transparency.¹

Experience the generation-defining display with Xiaomi 14 Ultra's All Around Liquid Display. By employing advanced stress distribution methods and innovations in adhesive materials, this distinctive display achieves a consistent curvature on all four sides and corners, combining the visual aesthetic of a flat screen while maintaining the tactile comfort of a curved edge.

Exceptional performance with seamless user experience

Fueled by the cutting-edge Snapdragon® 8 Gen 3 Mobile Platform, boasting an impressive 32% CPU performance boost and 34% power consumption decrease, along with a remarkable 34% GPU performance boost and 38% power consumption decrease, compared to the previous generation.⁹ The new Xiaomi Dual-Channel IceLoop system further elevates the device, ensuring comprehensive cooling for the overall device while introducing a dedicated thermal loop exclusively for the camera module. This powerful duo empowers Xiaomi 14 Ultra to seamlessly navigate even the most demanding scenarios.

Accompanied by the Xiaomi Surge battery management system, Xiaomi 14 Ultra's resilient 5000mAh battery with ultra-fast 90W HyperCharge ensures prolonged performance throughout the day. Additionally, Xiaomi 14 Ultra now features an impressive 80W wireless HyperCharge, reaching 100% in just 46 minutes wirelessly.¹⁰

Harnessing the full hardware potential of Xiaomi 14 Ultra, driven by the new Xiaomi HyperOS operating system, experience elevated system fluidity with advanced file and memory management capabilities, a revamped UI enriched by the graphics subsystem, seamless connectivity between devices, and comprehensive security and privacy features to secure your digital life.



1. Data tested by Xiaomi Internal Labs. Actual results may vary.

2. The device has been tested and certified to be resistant to splash, water, and dust in the presence of specific laboratory conditions with the classification IP68 ingress protection based on IEC 60529:1989+A1:1999+A2:2013. Please be noted that the test conditions of water resistance include: submersion in static freshwater up to a depth of 1.5 meters, up to 30 minutes, with a temperature delta between the water and product being 5K or less. Such water resistance features only pertain to specific conditions tested in a laboratory environment, which do not correspond to the normal conditions of use by consumers. Therefore, ingress protection is not assured if the product is subjected to environments beyond the test conditions. We recommend that you do not test it by yourself. Not advised for beach or pool use. Ingress protection might deteriorate from daily wear and tear, physical damage and/or disassembly needed in case of repair. Avoid charging the product, operating the physical buttons, or removing the SIM tray when product is exposed to moisture. Please carefully refer to user's manual for other safety instructions. The warranty will not cover the liquid damage caused in the environments beyond the IP68 test condition.

3. Touch sampling rate may vary according to the content on your display.

4. Wireless chargers sold separately.

5. Dual SIM may vary based on region availability.

6. Wi-Fi connectivity (including Wi-Fi frequency bands, Wi-Fi standards and other features as ratified in IEEE Standard 802.11 specifications) may vary based on regional availability and local network support. The function may be added via OTA when and where applicable.

7. NFC availability may vary between markets.

8. B66/N66 NarrowBand, UL: 1710-1780, DL: 2110-2180.

9. CPU and GPU performance data tested by Xiaomi Internal Labs. Data compared to previous generation Snapdragon® 8 Gen 2 Mobile Platform.

10. Charging data tested in Xiaomi Internal Labs, actual results may vary. 46 mins to 100% tested under boost mode. Wireless chargers sold separately.

11. Devices must be in the same Wi-Fi environment.