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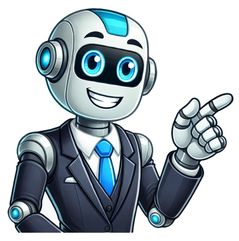

Home › Xiaomi › Mi 11 UltraSpecificationsDisplayCPUBatterySARWidthHeightThicknessWeightWrite a review Dimensions: 74.6 x 164.3 x 8.38 mmWeight: 234 gSoC: Qualcomm Snapdragon 888 (SM8350)CPU: 1x 2.84 GHz Cortex-X1, 3x 2.42 GHz Cortex-A78, 4x 1.8GHz Cortex-A55 (Kryo 680)GPU: Qualcomm Adreno 660, 840 MHzRAM: 8 GB, 12 GB, 16 GB, 3200 MHzStorage: 256 GB, 512 GBDisplay: 6.81 in, E4 AMOLED, 1440 x 3200 pixels, 30 bitBattery: 5000 mAh, Li-PolymerOS: Android 11Camera: 50 MP, 7680 x 4320 pixels, 24 fpsSIM card: Nano-SIM, Nano-SIM / microSDWi-Fi: a, b, g, n, n 5GHz, ac, Wi-Fi 6 (ax), Dual band, Wi-Fi Hotspot, Wi-Fi Direct, Wi-Fi DisplayUSB: 2.0, USB Type-CBluetooth: 5.2Positioning: A-GPS, BeiDou, GPS (L1+L5), GLONASS (G11), Galileo (E1+E5a), QZSS (L1+L5) Add for comparison Xiaomi Redmi 11 Prime 5G163.99 mm (0.538 ft, 6.456 in)Xiaomi Redmi Note 11E 5G163.99 mm (0.538 ft, 6.456 in)Xiaomi Redmi Note 11R163.99 mm (0.538 ft, 6.456 in)Xiaomi Redmi Note 10 Pro Global164 mm (0.538 ft, 6.457 in)Xiaomi Mi 10 Lite Zoom Edition164.02 mm (0.538 ft, 6.457 in)Xiaomi 11T164.1 mm (0.538 ft, 6.461 in)Xiaomi 11T Pro164.1 mm (0.538 ft, 6.461 in)Xiaomi Redmi 10X 5G164.16 mm (0.539 ft, 6.463 in)Xiaomi Redmi 10X Pro164.16 mm (0.539 ft, 6.463 in)Xiaomi Redmi Note 11 Pro Global164.19 mm (0.539 ft, 6.464 in)Xiaomi Redmi Note 11 Pro+ India164.19 mm (0.539 ft, 6.464 in)Xiaomi Redmi Note 11E Pro164.19 mm (0.539 ft, 6.464 in)Xiaomi Redmi Note 11 Pro 5G Global164.2 mm (0.539 ft, 6.465 in)Xiaomi Redmi Note 12 Pro 4G164.2 mm (0.539 ft, 6.465 in)Xiaomi Mi 11164.3 mm (0.539 ft, 6.469 in)Xiaomi Mi 11 Pro164.3 mm (0.539 ft, 6.469 in)Xiaomi Mi 11 Ultra164.3 mm (0.539 ft, 6.469 in)Xiaomi Redmi 9A164.4 mm (0.539 ft, 6.472 in)Xiaomi Redmi 9C164.4 mm (0.539 ft, 6.472 in)Xiaomi Redmi Note 10 Pro India164.5 mm (0.54 ft, 6.476 in)Xiaomi Redmi Note 10 Pro Max164.5 mm (0.54 ft, 6.476 in)Xiaomi Redmi 10A Sport164.9 mm (0.541 ft, 6.492 in)Xiaomi Redmi 9 Activ164.9 mm (0.541 ft, 6.492 in)Xiaomi Redmi 9 India164.9 mm (0.541 ft, 6.492 in)Xiaomi Redmi 9A Sport164.9 mm (0.541 ft, 6.492 in)Xiaomi Redmi 9i164.9 mm (0.541 ft, 6.492 in)Xiaomi Redmi 9i Sport164.9 mm (0.541 ft, 6.492 in)Xiaomi Redmi A1164.9 mm (0.541 ft, 6.492 in)Xiaomi Redmi A1+164.9 mm (0.541 ft, 6.492 in)Xiaomi Redmi A2164.9 mm (0.541 ft, 6.492 in)Xiaomi Redmi A2+164.9 mm (0.541 ft, 6.492 in)Xiaomi Mi 10T165.1 mm (0.542 ft, 6.5 in)Xiaomi Mi 10T Pro165.1 mm (0.542 ft, 6.5 in)Tecno Spark 8T164.25 mm (0.539 ft, 6.467 in)Vivo Y21 (2021)164.26 mm (0.539 ft, 6.467 in)Vivo Y21A164.26 mm (0.539 ft, 6.467 in)Vivo Y21e164.26 mm (0.539 ft, 6.467 in)Vivo Y21s164.26 mm (0.539 ft, 6.467 in)Vivo Y21t India164.26 mm (0.539 ft, 6.467 in)Vivo Y21t Indonesia164.26 mm (0.539 ft, 6.467 in)Vivo Y32164.26 mm (0.539 ft, 6.467 in)Vivo Y33s164.26 mm (0.539 ft, 6.467 in)Vivo Y33T164.26 mm (0.539 ft, 6.467 in)TCL 20 R 5G164.3 mm (0.539 ft, 6.469 in)Realme 9 Pro164.3 mm (0.539 ft, 6.469 in)Coolpad Cool 20164.3 mm (0.539 ft, 6.469 in)Samsung Galaxy A42 5G164.3 mm (0.539 ft, 6.469 in)Samsung Galaxy M42 5G164.3 mm (0.539 ft, 6.469 in)Oppo K10 5G China164.3 mm (0.539 ft, 6.469 in)Xiaomi Mi 11 Ultra164.3 mm (0.539 ft, 6.469 in)Realme V25164.3 mm (0.539 ft, 6.469 in)Micromax IN 2b164.31 mm (0.539 ft, 6.469 in)HiSense Infinity H40164.37 mm (0.539 ft, 6.471 in)Oppo A36164.4 mm (0.539 ft, 6.472 in)Oppo A76164.4 mm (0.539 ft, 6.472 in)Oppo A96164.4 mm (0.539 ft, 6.472 in)Realme C11164.4 mm (0.539 ft, 6.472 in)Realme C15 Mediatek164.4 mm (0.539 ft, 6.472 in)Realme C15 Qualcomm164.4 mm (0.539 ft, 6.472 in)Realme C35164.4 mm (0.539 ft, 6.472 in)Realme Narzo 20A164.4 mm (0.539 ft, 6.472 in)Realme V3 5G164.4 mm (0.539 ft, 6.472 in)Vivo iQOO U1x164.41 mm (0.539 ft, 6.473 in)Vivo iQOO U3x 4G164.41 mm (0.539 ft, 6.473 in)Vivo Y11s164.41 mm (0.539 ft, 6.473 in)Vivo Y12G164.41 mm (0.539 ft, 6.473 in)Dimensions: 74.6 x 164.3 x 8.38 mmWeight: 234 gSoC: Qualcomm Snapdragon 888 (SM8350)CPU: 1x 2.84 GHz Cortex-X1, 3x 2.42 GHz Cortex-A78, 4x 1.8GHz Cortex-A55 (Kryo 680)GPU: Qualcomm Adreno 660, 840 MHzRAM: 8 GB, 12 GB, 16 GB, 3200 MHzStorage: 256 GB, 512 GBDisplay: 6.81 in, E4 AMOLED, 1440 x 3200 pixels, 30 bitBattery: 5000 mAh, Li-PolymerOS: Android 11Camera: 50 MP, 7680 x 4320 pixels, 24 fps The information on this website is provided on "as is, as available basis" without warranty of any kind. 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Released 2021, April 02 Body Dimensions 164.3 x 74.6 x 8.4 mm (6.47 x 2.94 x 0.33 in) Weight 234 g (8.25 oz) Build Glass front (Gorilla Glass Victus), ceramic back, aluminum frame SIM Nano-SIM + Nano-SIM IP68 dust tight and water resistant (immersible up to 1.5m for 30 min) Display Type AMOLED, 1B colors, 120Hz, HDR10+, Dolby Vision, 900 nits (HBM), 1700 nits (peak) Size 6.81 inches, 112.0 cm2 (~91.4% screen-to-body ratio) Resolution 1440 x 3200 pixels, 20:9 ratio (~515 ppi density) Protection Corning Gorilla Glass Victus Platform OS Android 11, upgradable to Android 13, MIUI 14 Chipset Qualcomm SM8350 Snapdragon 888 5G (5 nm) CPU Octa-core (1x2.84 GHz Cortex-X1 & 3x2.42 GHz Cortex-A78 & 4x1.80 GHz Cortex-A55) GPU Adreno 660 Main Camera Triple 50 MP, f/2.0, 24mm (wide), 1/1.12", 1.4Âµm, dual pixel PDAF, OIS 48 MP, f/4.1, 120mm (periscope telephoto), 1/2.0", 0.8Âµm, PDAF, OIS, 5x optical zoom 48 MP, f/2.2, 12mm, 128Ëš (ultrawide), 1/2.0", 0.8Âµm, PDAF Features Laser AF, color spectrum sensor, Dual-LED flash, HDR, panorama, 1.1â€ AMOLED selfie display Video 8K@24fps, 4K@30/60fps, 1080p@30/60/120/240/960/1920fps, gyro-EIS, HDR10+ rec. Selfie camera Single 20 MP, f/2.2, 27mm (wide), 1/3.4", 0.8Âµm Features HDR, panorama Video 1080p@30/60fps, 720p@120fps, gyro-EIS Sound Loudspeaker Yes, with stereo speakers 3.5mm jack No 24-bit/192kHz Hi-Res audio Tuned by Harman Kardon Snapdragon Sound Comms WLAN Wi-Fi 802.11 a/b/g/n/ac/6e, dual-band, Wi-Fi Direct, DLNA Bluetooth 5.2, A2DP, LE, aptX HD, aptX Adaptive Positioning GPS (L1+L5), GLONASS (L1), BDS (B1I+B1c+B2a), GALILEO (E1+E5a), QZSS (L1+L5), NavIC (L5) NFC Yes Infrared port Yes Radio No USB USB Type-C 2.0, OTG Features Sensors Fingerprint (under display, optical), accelerometer, gyro, compass Virtual proximity sensing Battery Type Li-Po 5000 mAh Charging 67W wired, PD3.0, QC4, 100% in 36 min 67W wireless, 100% in 39 min 10W reverse wireless Misc Colors Ceramic White (Cosmic White), Ceramic Black (Cosmic Black) Models M2102K1G, M2102K1C SAR 1.08 W/kg (head) 0.81 W/kg (body) SAR EU 0.55 W/kg (head) 0.99 W/kg (body) Price About 1500 EUR Disclaimer. We can not guarantee that the information on this page is 100% correct. Read more ReviewPictures Compare Opinions Home Smartphones Xiaomi Xiaomi Mi 11 Ultra ~ $890 - ₹68530 Screen: 6.81˝, 1440 x 3200 pixels, AMOLED, 120 Hz Chipset: Qualcomm SM8350 Snapdragon 888 5G (5 nm) Dimensions: 164.3 • 74.6 • 8.4 mm (6.47 • 2.94 • 0.33 in) SIM Card Type: Dual SIM (Nano-SIM, dual stand-by) RAM and Storage: 8/12 GB RAM, 256GB 8GB RAM Battery: 5000 mAh, Li-Po Main Camera: 50MP, f/2.0, 4320p Android Version: Android 11, MIUI 12.5 Fast charging Wireless charging OIS support High refresh rate No SD Card slot No headphone jack Old software version Technical Specs Opinions 1 Review Photos HyperOS ROM's Announced Codename star Model Number Release Date 2021, April 02 Out Price $?1,299.99 / €?1,224.98 / £?1,599.00 Type AMOLED Aspect Ratio and PPI 20:9 ratio - 515 ppi density Size 6.81 inches, 112.0 cm2 (~91.4% screen-to-body ratio) Refresh Rate 120 Hz Resolution 1440 x 3200 pixels Peak brightness (nit) Protection Corning Gorilla Glass Victus Features Colors Ceramic White (Cosmic White) Ceramic Black (Cosmic Black) Dimensions 164.3 • 74.6 • 8.4 mm (6.47 • 2.94 • 0.33 in) Weight 234 gr (8.25 oz) Material Glass front (Gorilla Glass Victus), ceramic back, aluminum frame Certification Water Resistant Sensors Fingerprint (under display, optical), accelerometer, gyro, proximity, compass, color spectrum 3.5mm Jack No NFC Yes Infrared USB Type USB Type-C 2.0, USB On-The-Go Cooling System HDMI Loudspeaker Loudness (dB) Technology GSM / CDMA / HSPA / EVDO / LTE / 5G 2G Bands GSM - 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2 3G Bands HSDPA - 850 / 900 / 1700(AWS) / 1900 / 2100 4G Bands 1, 2, 3, 4, 5, 7, 8, 12, 17, 20, 28, 32, 38, 40, 41, 42, 66 - International 5G Bands 1, 3, 5, 7, 8, 20, 28, 38, 40, 41, 77, 78, 79 SA/NSA - International TD-SCDMA Navigation Yes, with dual-band A-GPS, GLONASS, GALILEO, QZSS, NavIC, BDS (tri-band) Network Speed HSPA 42.2/5.76 Mbps, LTE-A, 5G Number of SIM Area 2 SIM Wi-Fi Wi-Fi 802.11 a/b/g/n/ac/6e, dual-band, Wi-Fi Direct, DLNA, hotspot Bluetooth 5.2, A2DP, LE, aptX HD VoLTE Yes SAR VALUEThe FCC limit is 1.6 W/kg measured in a volume of 1 gram of tissue. Body SAR (AB) Head SAR (AB) Body SAR (ABD) Head SAR (ABD) Chipset Qualcomm SM8350 Snapdragon 888 5G (5 nm) CPU Octa-core (1x2.84 GHz Kryo 680 & 3x2.42 GHz Kryo 680 & 4x1.80 GHz Kryo 680) Bits Cores GPU Adreno 660 GPU Cores GPU Frequency Android Version Android 11, MIUI 12.5 Play Store RAM Capacity 256GB 12GB RAM RAM Type Storage 256GB 8GB RAM SD Card Slot No Capacity 5000 mAh Type Li-Po Quick Charge Technology Charging Speed 67W Video Playback Time Fast Charging Wireless Charging Yes Reverse Charging Yes MAIN CAMERA The following features may vary with the software update. Video Resolution and FPS 8K@24fps, 4K@30/60fps, 1080p@30/60/120/240/960/1920fps, gyro-EIS, HDR10+ rec. Optical Stabilisation (OIS) Yes Electronic Stabilisation (EIS) Slow Motion Video Features Dual-LED flash, HDR, panorama, 1.1” AMOLED selfie display Mobile Score (Rear) Selfie Score Resolution 20 MP Sensor Aperture f/2.2 Pixel Size Sensor Size Lens Extra Video Resolution and FPS 1080p@30/60fps, 720p@120fps, gyro-EIS Features HDR, panorama The Xiaomi Mi 11 Ultra battery has a capacity of 5000 mAh.Yes, Xiaomi Mi 11 Ultra have NFCXiaomi Mi 11 Ultra has 120 Hz refresh rate. The Xiaomi Mi 11 Ultra Android version is Android 11, MIUI 12.5.The Xiaomi Mi 11 Ultra display resolution is 1440 x 3200 pixels.Yes, Xiaomi Mi 11 Ultra have wireless charging.No, Xiaomi Mi 11 Ultra doesn't have water and dust resistant.No, Xiaomi Mi 11 Ultra doesn't have 3.5mm headphone jack.The Xiaomi Mi 11 Ultra has 50MP camera.The price of Xiaomi Mi 11 Ultra is $890.MIUI 15 will be the last MIUI version of Xiaomi Mi 11 Ultra.Android 14 will be the last Android version of Xiaomi Mi 11 Ultra.Xiaomi Mi 11 Ultra will get 3 MIUI and 3 years of Android security updates until MIUI 15.Xiaomi Mi 11 Ultra will get 3 years of security update since 2022.Xiaomi Mi 11 Ultra gets update every 3 months.Xiaomi Mi 11 Ultra outs of box with MIUI 12 based on Android 11Xiaomi Mi 11 Ultra already got MIUI 13 update.Xiaomi Mi 11 Ultra already got Android 12 update.Yes, Xiaomi Mi 11 Ultra will get Android 13 update in Q3 2023.Xiaomi Mi 11 Ultra update support will end on 2025. Review on Youtube Xiaomi Mi 11 Ultra × More news from Xiaomi Mi 11 Ultra Photos Xiaomi Mi 11 Ultra × Home › Xiaomi › Mi 11 UltraWidthHeightThicknessWeightWrite a reviewSpecificationsDisplayCPUBatterySAR Dimensions: 74.6 x 164.3 x 8.38 mmWeight: 234 gSoC: Qualcomm Snapdragon 888 (SM8350)CPU: 1x 2.84 GHz Cortex-X1, 3x 2.42 GHz Cortex-A78, 4x 1.8GHz Cortex-A55 (Kryo 680)GPU: Qualcomm Adreno 660, 840 MHzRAM: 8 GB, 12 GB, 16 GB, 3200 MHzStorage: 256 GB, 512 GBDisplay: 6.81 in, E4 AMOLED, 1440 x 3200 pixels, 30 bitBattery: 5000 mAh, Li-PolymerOS: Android 11Camera: 50 MP, 7680 x 4320 pixels, 24 fpsSIM card: Nano-SIM, Nano-SIM / microSDWi-Fi: a, b, g, n, n 5GHz, ac, Wi-Fi 6 (ax), Dual band, Wi-Fi Hotspot, Wi-Fi Direct, Wi-Fi DisplayUSB: 2.0, USB Type-CBluetooth: 5.2Positioning: A-GPS, BeiDou, GPS (L1+L5), GLONASS (G11), Galileo (E1+E5a), QZSS (L1+L5) Add for comparison Xiaomi 13T5000 mAh (Li-Polymer)Xiaomi 13T Pro5000 mAh (Li-Polymer)Xiaomi 14T5000 mAh (Li-Polymer)Xiaomi 14T Pro5000 mAh (Li-Polymer)Xiaomi Black Shark 3 Pro5000 mAh (Li-Polymer)Xiaomi Mi 10T5000 mAh (Li-Polymer)Xiaomi Mi 10T Pro5000 mAh (Li-Polymer)Xiaomi Mi 11 Pro5000 mAh (Li-Polymer)Xiaomi Mi 11 Ultra5000 mAh (Li-Polymer)Xiaomi Redmi 105000 mAh (Li-Ion)Xiaomi Redmi 10 20225000 mAh (Li-Ion)Xiaomi Redmi 10 5G5000 mAh (Li-Ion)Xiaomi Redmi 10A5000 mAh (Li-Ion)Xiaomi Redmi 10A Sport5000 mAh (Li-Ion)Xiaomi Redmi 10C5000 mAh (Li-Ion)Xiaomi Redmi 11 Prime5000 mAh (Li-Ion)Xiaomi Redmi 11 Prime 5G5000 mAh (Li-Ion)POCO M2 Reloaded5000 mAh (Li-Ion)Gionee M35000 mAh (Li-Ion)POCO M3 Pro 5G5000 mAh (Li-Ion)POCO M4 Pro5000 mAh (Li-Ion)POCO M4 Pro 5G5000 mAh (Li-Ion)China Telecom Maimang 10 SE5000 mAh (Li-Polymer)Gionee Max5000 mAh (Li-Ion)Cubot Max 35000 mAh (Li-Polymer)Xiaomi Mi 11 Ultra5000 mAh (Li-Polymer)Motorola Moto E305000 mAh (Li-Ion)Motorola Moto E405000 mAh (Li-Ion)Motorola Moto E7 Plus5000 mAh (Li-Ion)Motorola Moto E7 Power5000 mAh (Li-Ion)Motorola Moto E7i Power5000 mAh (Li-Ion)Motorola Moto G 5G5000 mAh (Li-Ion)Motorola Moto G 5G Plus5000 mAh (Li-Ion)Motorola Moto G Play (2021)5000 mAh (Li-Ion)Dimensions: 74.6 x 164.3 x 8.38 mmWeight: 234 gSoC: Qualcomm Snapdragon 888 (SM8350)CPU: 1x 2.84 GHz Cortex-X1, 3x 2.42 GHz Cortex-A78, 4x 1.8GHz Cortex-A55 (Kryo 680)GPU: Qualcomm Adreno 660, 840 MHzRAM: 8 GB, 12 GB, 16 GB, 3200 MHzStorage: 256 GB, 512 GBDisplay: 6.81 in, E4 AMOLED, 1440 x 3200 pixels, 30 bitBattery: 5000 mAh, Li-PolymerOS: Android 11Camera: 50 MP, 7680 x 4320 pixels, 24 fps The information on this website is provided on "as is, as available basis" without warranty of any kind. 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The trademarks, marques and logos of the manufacturers of devices, software, hardware, etc. are the property of their respective owners. cookie policy | terms of use about us | contact us | news | reviews © 2025 devicespecifications.com Home › Xiaomi › Mi 11 UltraWidthHeightThicknessWeightWrite a reviewSpecificationsDisplayCPUBatterySAR Dimensions: 74.6 x 164.3 x 8.38 mmWeight: 234 gSoC: Qualcomm Snapdragon 888 (SM8350)CPU: 1x 2.84 GHz Cortex-X1, 3x 2.42 GHz Cortex-A78, 4x 1.8GHz Cortex-A55 (Kryo 680)GPU: Qualcomm Adreno 660, 840 MHzRAM: 8 GB, 12 GB, 16 GB, 3200 MHzStorage: 256 GB, 512 GBDisplay: 6.81 in, E4 AMOLED, 1440 x 3200 pixels, 30 bitBattery: 5000 mAh, Li-PolymerOS: Android 11Camera: 50 MP, 7680 x 4320 pixels, 24 fpsSIM card: Nano-SIM, Nano-SIM / microSDWi-Fi: a, b, g, n, n 5GHz, ac, Wi-Fi 6 (ax), Dual band, Wi-Fi Hotspot, Wi-Fi Direct, Wi-Fi DisplayUSB: 2.0, USB Type-CBluetooth: 5.2Positioning: A-GPS, BeiDou, GPS (L1+L5), GLONASS (G11), Galileo (E1+E5a), QZSS (L1+L5) Add for comparison Suggest an edit Dimensions: 74.6 x 164.3 x 8.38 mmWeight: 234 gSoC: Qualcomm Snapdragon 888 (SM8350)CPU: 1x 2.84 GHz Cortex-X1, 3x 2.42 GHz Cortex-A78, 4x 1.8GHz Cortex-A55 (Kryo 680)GPU: Qualcomm Adreno 660, 840 MHzRAM: 8 GB, 12 GB, 16 GB, 3200 MHzStorage: 256 GB, 512 GBDisplay: 6.81 in, E4 AMOLED, 1440 x 3200 pixels, 30 bitBattery: 5000 mAh, Li-PolymerOS: Android 11Camera: 50 MP, 7680 x 4320 pixels, 24 fps The information on this website is provided on "as is, as available basis" without warranty of any kind. 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You must provide copyright attribution in the edit summary accompanying your translation by providing an interlanguage link to the source of your translation. A model attribution edit summary is Content in this edit is translated from the existing Chinese Wikipedia article at [[:zh:小米11]]; see its history for attribution. You may also add the template {{Translated|zh|小米11}} to the talk page. For more guidance, see Wikipedia:Translation. (Learn how and when to remove this message) Xiaomi Mi 11The front of Xiaomi Mi 11Also known asXiaomi 11ManufacturerXiaomiSloganMovie MagicSeriesMiFirst releasedDecember 28, 2020; 4 years ago (2020-12-28)PredecessorXiaomi Mi 10SuccessorXiaomi 12RelatedXiaomi Mi 11 UltraXiaomi Mi 11 ProXiaomi Mi 11 LiteXiaomi Mi 11 Lite 5GXiaomi 11 Lite 5G NEXiaomi Mi 11XXiaomi Mi 11X Pro/Mi 11iXiaomi 11TXiaomi 11iCompatible networksLTE-FDDLTE-TDDWCDMAGSM5G NR Form factorSlateDimensions Height: 164.3 mm (6.47 inches) Width: 74.6 mm (2.94 inches) Thickness of glass plate: 8.06 mm (0.317 inches) Plain leather version thickness: 8.56 mm (0.337 inches) Operating systemOriginal: MIUI 12 based on Android 11Current: Xiaomi HyperOS 2 based on Android 14System-on-chipQualcomm Snapdragon 888 (SM8350)CPUQualcomm® Kryo™ 6801x 2.84GHz+3×2.42GHz+4x 1.80GHzGPUQualcomm® Adreno™ 660 (840MHz)Memory8 GB or 12 GB LPDDR5-6400 RAMStorage128/256GB UFS 3.1Removable storageNoneBattery 4600mah not removable Rear camera Main lens: Samsung S5KHMX 1/1.33 inch 0.8µ (four to one 1.6µ) 108 million pixels F/1.85 Ultra-wide-angle lens: OmniVision Technologies OV13B10 123° wide-angle 13 million pixels F/2.4 Telephoto macro lens: Samsung S5K5E9 5 million pixels Front cameraSamsung S5K3T2 20 million pixelsDisplay 3200×1440 3K (4.6 MP) AMOLED flexible screen 6.81 inches HDR10+ DCI-P3 120 Hz refresh rate SoundStereo speakers tuned by Harman Kardon, lower main microphone, upper noise reduction microphoneConnectivityWi-Fi 802.11a/b/g/n/ac/6 (2.4 & 5GHz), dual-band, WiFi Direct, hotspot Bluetooth V5.2, A2DP, Low-energy, aptX HD, aptX AdaptiveData inputsCapacitive touch screen, volume button, power button, up and down microphones, distance sensor, ambient light sensor, acceleration sensor, gyroscope, electronic compass, X-axis linear motor, holding position sensor, tri-frequency satellite GNSSModelM2011K2C, M2011K2GCodenamevenusOtherFace recognition, screen fingerprint recognition, QC 4+/QC3+/PD3.0 55w wired fast charging, 50w wireless fast charging, 10w wireless reverse chargingWebsite The Xiaomi Mi 11 is an Android-based high-end smartphone designed and marketed by Xiaomi Inc. succeeding their Xiaomi Mi 10 series. The phone was launched globally on 8 February 2021.[1] Mi 11 Rear Cameras The design of the Xiaomi Mi 11 is similar to the Mi 10, maintaining the front camera design in the upper left corner. The Mi 11 uses Corning Gorilla Glass Victus on its display and Corning Gorilla Glass 5, or vegan leather, on its back. The front of the phone uses a hidden earpiece. The back of the phone has two material designs and five available colours: black, white, blue, smokey purple, and brown. The first three use anti-glare glass and the latter two use vegan leather. Due to the varying materials, the thickness and weight of the device are also different. The anti-glare frosted glass version is 8.06 mm thick and weighs 196 g, and the vegan leather version is 8.56 mm thick and weighs 194 g. The side frame of the Mi 11 is made of an aluminum alloy, and there is a communication antenna overflow band around the fuselage, which is plastic injection molded with a colour similar to the frame. The upper part of the frame is equipped with a noise-reduction microphone, an infrared emission window, and a top sub-speaker (integrated earpiece function). The right side is equipped with plus and minus volume buttons and a switch screen/power button. The lower part is equipped with a SIM card slot and ejection jack, a USB Type-C interface, and the main speaker openings. The frame is slightly wider near the control buttons. The back of the Mi 11 is made of AG-processed glass or leather-like polycarbonate plastic. The glass-based version of the back cover is about 2 g heavier than the polycarbonate version, but the total thickness is reduced by 0.5 mm. The upper left corner of the back cover contains the rear camera group area, which is contained in a rounded rectangle. The left side of the camera area is a Nascar racetrack-shaped black area, with the main camera sensor placed on the upper part and the wide-angle sensor on the lower part. There is a bright silver ring on the periphery of the main camera sensor opening, which is slightly protruding and is similar to the design of Mi 9, Mi CC9 and other models. The right side of the racetrack-shaped area is a silver area; from top to bottom, the long-focus macro sensor, LED fill light and auxiliary ambient light sensor are arranged. In the lower-left corner of the fuselage, the "XIAOMI" logo of the Xiaomi Group, which is the same as the Xiaomi CC9 series, replaces the previous "MI" logo. The plain leather version also has a metal circular decoration under the logo, which also serves as a fixed leather laminate.[2] The Xiaomi Mi 11 uses a 6.81-inch (17.3 cm) flexible AMOLED display provided by Samsung Display, which is Samsung's fourth-generation AMOLED substrate (E4). It has a diamond-shaped sub-pixel arrangement and has a resolution of 3200 by 1440. The pixel density (PPI) is 515. It supports up to 1771nit of peak brightness and 996nit of full-screen brightness, as tested by Display Mate,[3] and supports DCI-P3 color gamut.[4] The screen glass of Xiaomi Mi 11 uses Corning Gorilla Glass Victus. [5] The Mi 11 uses the Qualcomm Snapdragon 888 SoC. The CPU houses the Qualcomm Kryo 680 architecture, consisting of a large core with a main frequency of 2.84 GHz, three middle cores with a main frequency of 2.42 GHz, and four small cores of 1.8 GHz.[6] The chip integrates an Adreno 660 GPU with a main frequency of 840 MHz It supports dual 5G SIM cards while staying on standby under the 5G network. The device encapsulates 8GB or 12GB of LPDDR5 RAM above the SoC, with a main frequency of 3200 MHz, and optional storage of 128GB or 256GB. The specifications are all UFS 3.1, which is consistent with the Mi 10 Extreme Commemorative Edition. For the rear camera, the Mi 11 uses the Samsung Bright S5KHMX[7] sensor that was used in some older models, with a 108MP resolution and an aperture of f/1.85. In addition to acting as the main camera in the Mi 11, it also supports up to 30x digital zoom through cropping. Mi 11 output photo pixels are similar to the Mi 10, with 27 million pixels (pixel-binned 108-megapixel images). It can record video at 720P 30fps, 1080P 30/60fps, 4K 30/60fps, and AI 8K 24/30fps. In addition to normal video, it can also record interpolated slow-motion at 720P 120/480fps and 1080P 120/480fps. The Xiaomi Mi 11 is also equipped with a 13-megapixel ultra-wide-angle sensor (supplied by Omnivision Technologies, OV13B10), which supports wide-angle shooting up to 123°, an aperture of f/2.4, and can record video at 720P 30fps, 1080P 30/60fps, and 4K 30fps. The device also sports a 5-megapixel telephoto macro camera (supplied by Samsung, S5K5E9) which has a focusing range of 10-3cm from the subject. This sensor is also able to record video at 720P 30fps and 1080P 30fps. The front camera of the Mi 11 uses the Samsung S5K3T2 sensor, which is also used in the Xiaomi Mi 10 series and Redmi K20/30 series, with a pixel count of 20 million. It supports 1080P 30/60fps and 720P 30fps video recording. The Mi 11 supports wired charging with a power of up to 55W (11V 5A MAX), wireless charging with a power of 50W, and reverse wireless charging with a power of up to 10W, which can charge other devices that support wireless charging. However, the Chinese version of the Mi 11 does not come with a charger. In certain regions[where?], the standard version arrives with no charger, but a version with a 55 W GaN charger is also available at no extra cost. The global version comes with a 55W GaN charger, charging cable, plastic screen protector, translucent plastic case, and SIM ejector tool in the box.[8][9] The phone uses stereo speakers, but the symmetrical stereo speakers used on the Mi 10 have been changed to asymmetrical stereo speakers. The top sound unit is slightly smaller than the bottom and also functions as an earpiece. In addition, the 3.5mm audio output and input interface have been removed. The 3.5mm standard connector can only be converted using a USB Type-C to 3.5mm audio cable conversion cable. The phone also supports Bluetooth 5.2, multi-function NFC, and infrared remote control functions. Remote control apps can control electrical equipment that supports infrared control. Xiaomi Mi 11 uses the MIUI 12 operating system based on Android 11.[10] The device was later updated to Xiaomi HyperOS 2 based on Android 14 Along with the Mi 11, Xiaomi also released the Mi 11 Ultra and Mi 11 Pro in China on 29 March 2021 and globally in April 2021. Alongside those, Xiaomi also launched Mi 11 Lite 5G and Mi 11 Lite, and the Xiaomi 11 Lite 5G NE due to chip shortages.[11] Xiaomi Mi 11 Ultra secondary display Mi 11 Ultra Ceramic White Mi 11 Ultra and Mi 11 Pro are the higher flagship variants, which use Qualcomm Snapdragon 888 chipset and are the first devices to come with silicon-oxygen anode battery. The Mi 11 Lite uses Snapdragon 732G, Mi 11 Lite 5G has Snapdragon 780G, and the Xiaomi 11 Lite 5G NE has Snapdragon 778G. All of these Lite phones are the thinnest smartphones of that year.[12][13] Mi 11 Ultra also comes with a secondary display at the back.[14][15][16][17][18] ^ March 2021, Tom Bedford 03. "Hands on: Xiaomi Mi 11 review". TechRadar. 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