

Apple iPhone 15 - black - 5G smartphone - 128 GB - GSM(MTP03ZD/A)

Apple iPhone 15 - 5G smartphone - dual-SIM / Internal Memory 128 GB - OLED display - 6.1" - 2556 x 1179 pixels - 2x rear cameras 48 MP, 12 MP - front camera 12 MP - black



The Apple iPhone 15 features color-infused back glass with a stunning, textured matte finish, and a contoured edge on the aluminum enclosure. Furthermore, there is Dynamic Island, and an advanced camera system designed to help users take fantastic photos of everyday moments in their lives. A powerful 48MP main camera enables super-high-resolution photos and a 2x telephoto option to give users a total of three optical zoom levels - like having a third camera. The iPhone 15 also introduces the next generation of portraits, making it easier to capture portraits with great detail and low-light performance. With A16 Bionic for powerful, proven performance, USB C compatibility and excellent durability features, iPhone 15 is truly a powerhouse.

Key Selling Points

- All-day battery life
- Dynamic Island
- Tough all around
- A display that shines in bright sunlight
- 48MP main camera
- Night mode
- A front camera autofocused on you
- 4K HDR videos
- Magical portraits
- A16 Bionic chip
- USB-C compatible
- Designed to make a difference

Product Features

Dynamic Island - for when things just pop up

When something bubbles up, just touch and hold to act on it. Dynamic Island expands so you can find out when your dinner will arrive, rewind your podcast, or see if your headphones have connected and their battery level. If two activities are happening at once, Dynamic Island splits in two. So you can chat with a friend and keep an eye on your timer. Or follow your team's score while you check your running pace. Just touch and hold to expand one of the activities or tap to open the app. Dynamic Island can let you know if your flight is delayed, track your hike, and tell you when your workout will end.

Tough all around

Superfine metallic ions embed color into the glass. Then the glass is polished with nanocrystalline particles and etched to create a textured matte finish. The aerospace grade aluminum frame is highly durable, and the contoured edges feel even better in your hand. iPhone 15 is splash, water, and dust resistant. What a relief.

A display that shines in bright sunlight

The Super Retina XDR display is up to twice as bright in the sun compared to iPhone 14, so you'll really notice the difference. And a big boost in peak HDR brightness makes movies - and even the videos you take - more brilliant.

48MP main camera

Three optical-quality zoom levels let you effortlessly frame the perfect shot from right where you are. Choose 2x telephoto to zoom in for that perfect closeup. Choose 1x for detailed middle distance shots. Choose 0.5x to capture way more of the scene with the ultra-wide camera.

Night mode

Night mode automatically activates in especially dark scenes and captures even richer color and sharper detail.

A front camera autofocused on you

The TrueDepth camera automatically focuses on you and your friends, for spectacular selfies and super-sharp video calls.

4K HDR videos

Take 4K HDR videos with amazing detail, color, and contrast. Use Action mode to steady a really shaky handheld shot. Or try 4K Cinematic mode to automatically shift the focus to the most important subject in a scene.

Magical portraits

The Photonic Engine supercharges your portraits. It combines pixels from a super high resolution image with another that's optimized for light capture. So, you get a 24MP image with twice the resolution. It's perfect for everyday photos - at a file size small enough for storing and sharing. Want to quickly capture the moment before it's gone? You no longer have to switch to Portrait mode. If your subject is a person, dog, or cat, iPhone 15 automatically captures depth information. So, you can choose to instantly see your photo as a portrait, with an artful blur effect. Or later in the Photos app.

A16 Bionic chip

A16 Bionic chip powers all kinds of advanced features. Like computational photography used for 24MP photos and next-gen portraits. Voice Isolation for phone calls. And smooth performance for graphics-intensive games. All with incredible efficiency for great battery life.

USB-C compatible

The USB-C connector lets you charge your other devices with the same cable you use to charge iPhone 15. You can even use iPhone 15 to charge your smartwatch or headphones. Bye-bye, cable clutter.

Designed to make a difference

What matters to you matters to Apple, too. From privacy protections that give you more control over your data and using more recycled materials that minimize environmental impact, to creating built-in features that make iPhone accessible to all.

Main Specifications

Product Description	Apple iPhone 15 - black - 5G smartphone - 128 GB - GSM
Product Type	5G smartphone
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2247679
Energy Class	Class B
Manufacturer Model Number	A3090
Display	OLED display - 2556 x 1179 pixels - 6.1" - 460 ppi - Super Retina XDR Display - HDR - fingerprint-resistant oleophobic coating, Ceramic Shield
Processor	Apple A16 Bionic (6-core)
Neural Processor Unit (NPU)	Apple 16-core Neural Engine
Memory	128 GB
Operating System	iOS 17
Main Camera	48 Megapixel - 2x optical zoom - 26 mm - f/1.6 - focus: automatic
Second Camera	12 Megapixel - ultra wide-angle lens 13 mm - f/2.4
Front Camera	12 Megapixel f/1.9 - automatic
Service Provider	Not specified
SIM Card	Dual-SIM - nano SIM, Electronic SIM card (e-SIM)
Wireless Interface	NFC, Wi-Fi 6, UWB, Bluetooth
Security Devices	Face recognition
Connectors	USB-C
Wireless Charging Standards	Qi
Protection	Water-resistant, splash-resistant, dust-resistant
Colour	Black
Dimensions (WxDxH)	71.6 mm x 7.8 mm x 147.6 mm
Weight	171 g
Repairability Index	7.5 (out of 10)
Carbon Footprint	56 kg carbon emissions
Rare Earth Materials	100% recycled rare earth elements
Specific Absorption Rate (SAR)	0.98 W/kg (head) 0.98 W/kg (body) 2.98 W/kg (limb)

Extended Specification

General

Product Type	Smartphone
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2247679

Energy Class	Class B
Manufacturer Model Number	A3090
Form Factor	Touch
Protection	Water-resistant, splash-resistant, dust-resistant
Width	71.6 mm
Depth	7.8 mm
Height	147.6 mm
Weight	171 g
Body Colour	Black
Body Material	Glass, aerospace-grade aluminium

Memory

Internal Memory Capacity	128 GB
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Processor

Type	Apple A16 Bionic
Processor Core Qty	6-core

Miscellaneous

Ingress Protection Rating	IP68
Repeated Free Fall Reliability Class	Class C
Compliant Standards	IEC 60529 IP68, BFR-free, PVC-free, Beryllium-free, Mercury-free, HEARING AID M3/T4, Arsenic-free
Included Accessories	USB-C to USB-C cable (1 m)

Environmental Parameters

Max Depth of Water Resistance	6 m
Min Operating Temperature	0 °C
Max Operating Temperature	35 °C
Humidity Range Operating	5 - 95% (non-condensing)

Display

Type	OLED display
Technology	Super Retina XDR Display
Diagonal Size	6.1"
Display Resolution	2556 x 1179 pixels
Pixel Density	460 ppi
Max Brightness	1000 cd/m²
HDR	Yes
HDR Technology	HDR10
Enhancement Technology	Dolby Vision
Contrast Ratio	2000000:1
Protection	Fingerprint-resistant oleophobic coating, Ceramic Shield
Display Languages	Danish, Hindi, Hebrew, Hungarian, Czech, Croatian, Indonesian, Thai, Slovak, Chinese (traditional), Chinese (simplified), Vietnamese, Ukrainian, Brazilian Portuguese, English, German, French, Italian, Norwegian, Portuguese, Polish, Finnish, Swedish, Russian, Spanish, Dutch, Greek, Turkish, Arabic, Romanian, Catalan, Japanese, Korean, Malay, UK English, US English, Australian English, French Canadian, Spanish (Latin American), Chinese (Traditional, Hong Kong), Spanish (Mexican)
Features	True Tone display, Wide colour display (P3), All Screen Display, Haptic touch, Hybrid Log-Gamma (HLG), Dynamic Island, 1600 nits max brightness (HDR), 2000 nits max brightness (outdoor)

Battery

Technology	Lithium Ion
Fast Charging Technology	Apple MagSafe wireless charging
Wireless Charging	Yes
Wireless Charging Standards	Qi
Battery Endurance per Cycle	34 hrs
Battery Endurance in Cycles	1000
Run Time Details	Playback (video): up to 20 hrs Playback (streamed video): up to 16 hrs Playback (audio): up to 80 hrs

Communications

Data Transmission	EDGE, HSPA+, DC-HSDPA, VoLTE, FDD-LTE, Gigabit LTE, LAA, 5G NR FR1, TD-LTE
2G Band	850 GSM, 900 GSM, 1800 GSM, 1900 GSM
3G UMTS Band	Band 1, Band 2, Band 5, Band 8, Band 10
3G UMTS Frequency	2100, 1900, 850, 900, 1700 EAWS
4G LTE Band	Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 12, Band 13, Band 17, Band 18, Band 19, Band 20, Band 25, Band 26, Band 28, Band 30, Band 32, Band 34, Band 38, Band 39, Band 40, Band 41, Band 42, Band 46, Band 48, Band 66, Band 53
4G LTE Frequency	FDD 2100, FDD 1900 PCS, FDD 1800+, FDD 1700 - 2110 AWS, FDD 850, FDD 2600, FDD 900, FDD 700a, FDD 700c, FDD 700b, FDD 800 lower, FDD 800 upper, FDD 800 DD, FDD 1900+, FDD 850+, FDD 700 APT, FDD 2300 WCS, FDD 1500 L, TDD 2000, TDD 2600, TDD 1900, TDD 2300, TDD 2500, TDD 3500, TDD 5150, TDD 3600, FDD 1700 - 2110 AWS-3, Band 53
5G NR Band	N1, n2, n3, n5, n7, n8, n20, n28, n38, n41, n66, n70, n77, n78, n79, n40, n25, n12, n48, n26, n30, n53
5G NR Frequency	FDD 2100, FDD 1900PCS, FDD 1800, FDD 850, FDD 2600, FDD 900, FDD 800, FDD 700APT, TDD TD 2600, TDD TD 2500, FDD AWS-3, FDD AWS-4, TDD TD 3700, TDD TD 3500, TDD TD 4500, TDD 2300, FDD 1900, n12, TDD 3500, FDD 850, FDD 2300, n53
Wireless Interface	NFC, IEEE 802.11ax, Ultra-Wideband (UWB), Bluetooth 5.3

Connections

Connector Type	USB Type-C - 24 pin USB-C
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Phone Features

Sensors	Accelerometer, proximity sensor, digital compass, barometer, magnetometer, dual ambient light sensor, gyroscope with high dynamic range
Security Devices	Face recognition
Security Technology	Face ID
Additional Features	MIMO technology, Wi-Fi Calling, iBeacon microlocation, QuickType keyboard, Apple TV support (2nd or later), AirPlay 2 wireless streaming, FaceTime audio, Apple MagSafe, Express Transit cards with power reserve, 4K HDR AirPlay Mirroring, FaceTime HD (1080p), RTT/TTY compatible, Voice isolation, Zoom with rear-facing camera, Wide Spectrum microphone mode, SharePlay, Screen sharing, Portrait mode in FaceTime video, Dual eSIM support, FaceTime call with SharePlay, Crash Detection, magnet array, alignment magnet, accessory identification NFC, Emergency SOS via satellite, StandBy, second-generation Ultra Wideband chip

Cellular

Technology	WCDMA (UMTS) / GSM
Mobile Broadband Generation	5G
Service Provider	Not specified
Operating System	iOS 17
Intelligent Assistant	Siri
Navigation	GPS, GLONASS, BeiDou, Galileo, QZSS

SIM Card Type	Nano SIM, Electronic SIM card (e-SIM)
SIM Card Qty	Dual-SIM
Payment Technology	Apple Pay
Input Device	Multi-touch

Media Player

Supported Digital Audio Standards	AAC, MP3, FLAC, Apple Lossless, Dolby Atmos, Dolby Digital, Dolby Digital Plus
Supported Digital Video Standards	H.264, HEVC, ProRes
Video Enhancements	HDR with Dolby Vision, HDR10, Hybrid Log-Gamma (HLG)
Sound Enhancements	Dolby Digital Plus sound, Dolby Atmos sound technology, Dolby Digital sound, Spatial audio

Front Camera

Sensor Resolution	12 Megapixel
Lens Aperture	F/1.9
Focus Adjustment	Automatic
HDR Mode	Smart HDR 5
Special Effects	Photographic Styles
Face Detection	Face recognition
Camera Modes	Burst mode, night mode, portrait mode, Live Photos, Portrait Lighting, wide colour capture for photos and Live Photos, Time Lapse (Night mode)
Video Resolutions	1920 x 1080 (1080p) at 30 fps, 1920 x 1080 (1080p) at 60 fps, Slo-mo video 1920 x 1080 (1080p) at 120 fps, 3840 x 2160 (4K) at 30 fps, 3840 x 2160 (4K) at 60 fps, 3840 x 2160 (4K) at 24 fps, 1920 x 1080 (1080p) at 25 fps, 3840 x 2160 (4K) at 25 fps
Light Source	Retina Flash
Features	Auto image stabilisation, Animoji, Memoji, TrueDepth camera, Cinematic video stabilisation, QuickTake video, Time lapse video with stabilisation, Lens correction, Deep Fusion, Dolby Vision HDR video recording up to 4K at 60 fps, Autofocus with Focus Pixels, Photonic Engine, Cinematic mode up to 4K HDR at 30 fps

Main Camera

Sensor Resolution	48 Megapixel
Optical Image Stabiliser	Sensor-shift OIS (Optical Image Stabilisation)
Lens Aperture	F/1.6
Min Focal Length	26 mm
Pixel Size	2 µm
Focus Adjustment	Automatic
Optical Zoom	2x
Digital Zoom	10x
Special Effects	Photographic Styles
Camera Modes	Burst mode, slow motion video, Panorama, Time-lapse mode, night mode, Live Photos, Portrait Lighting, wide colour capture for photos and Live Photos, Cinema mode, Macro video, Time Lapse (Night mode)
Face Detection	Face recognition
HDR Mode	Smart HDR 5
Light Source	True Tone LED flash
Video Resolutions	1920 x 1080 (1080p) at 30 fps, 1920 x 1080 (1080p) at 60 fps, 1280 x 720 (720p) at 30 fps, Slo-mo video 1920 x 1080 (1080p) at 120 fps, 3840 x 2160 (4K) at 30 fps, 3840 x 2160 (4K) at 60 fps, 3840 x 2160 (4K) at 24 fps, 1920 x 1080 (1080p) at 25 fps, Slo-mo video 1920 x 1080 (1080p) at 240 fps, 3840 x 2160 (4K) at 25 fps

Features	Sapphire crystal lens cover, Cinematic video stabilisation, Cinematic video stabilisation, Playback zoom, geotagging, Stereo Recording, Continuous autofocus video, 8MP still photos recording 4K video, Time lapse video with stabilisation, Advanced red-eye correction, Panorama (up to 63MP), HEIF image capture, Audio zoom, 100% Focus Pixels, Digital zoom up to 3x for video, QuickTake video, HEVC (High Efficiency Video coding), Deep Fusion, Sensor-shift optical image stabilisation for video, Digital zoom up to 6x for video, Dolby Vision HDR video recording up to 4K at 60 fps, 2x optical zoom out, Cinematic mode up to 4K HDR at 30 fps, Action mode up to 2.8K at 60 fps, Photonic Engine, 4x optical zoom range, 2x optical zoom in
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Second Camera

Sensor Resolution	12 Megapixel
Lens Type	Ultra wide-angle lens
Lens Aperture	F/2.4
Min Focal Length	13 mm
Field of View (FoV)	120 degree(s)
Features	Lens correction, 100% Focus Pixels, Quad Pixel sensor

Sustainability Information

Repairability Index	7.5 (out of 10)
Repairability Class	Class C
EPEAT Compliant	Yes
EPEAT Level	EPEAT Gold
Carbon Footprint	56 kg carbon emissions
Rare Earth Materials	100% recycled rare earth elements
Product Recycled Content	23 % - recycled or renewable content
Packaging Recycled Content	99 % - recycled fibre

Neural Processor Unit (NPU)

Artificial Intelligence Processor Family	Apple
Artificial Intelligence Processor Model	16-core Neural Engine

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet