

Apple iPhone 13 (MLPF3ZD/A)

Apple iPhone 13 - 5G smartphone - dual-SIM / Internal Memory 128 GB - OLED display - 6.1" - 2532 x 1170 pixels - 2x rear cameras 12 MP, 12 MP - front camera 12 MP - midnight



iPhone 13 features major innovations, including a 12MP dual-camera system, a new way to personalize the camera with Photographic Styles, and Cinematic mode, which brings a new dimension to video storytelling. iPhone 13 also boasts super-fast performance and power efficiency with A15 Bionic, longer battery life, a brighter Super Retina XDR display that brings content to life, incredible durability with the Ceramic Shield front cover, an IP68 rating for water resistance, and an advanced 5G experience.

## Key Selling Points

- Dual 12MP camera system
- Cinematic mode and Photographic Styles
- Lightning-fast A15 Bionic chip
- Ceramic Shield front
- Super Retina XDR display
- Durable flat-edge design
- Advanced 5G experience

## Product Features

### Cinematic mode automatically creates beautiful depth effects and focus transitions

Just start recording and Cinematic mode will hold focus on your subject while creating a beautiful depth-of-field effect all around them. Cinematic mode can also anticipate when a prominent new subject is about to enter the scene and automatically shift focus when they do. Now you can effortlessly create videos that look and feel like the movies. Want to change the focus or adjust the blur after shooting wraps? No problem. iPhone 13 lets you do it with a few taps and swipes.

### Take a great photo without lifting a finger

Night mode senses low-light scenes and automatically adjusts to take bright, clear photos with amazingly rich colors. Portrait mode artfully blurs the background to put the focus on your subject. You can try out six creative lighting effects with a swipe. Smart HDR 4 recognizes up to four different people in a scene and optimizes contrast, lighting, and even skin tones for each one. Deep Fusion activates in mid- to low-light scenes. It analyzes multiple exposures pixel by pixel to capture the subtlest textures, patterns, and details. The Ultra Wide camera gives you a wide field of view even when you're right up close to what you're shooting. So you can capture more of the scene without stepping back.

### A camera with a style all your own

Photographic Styles create a personal look for your photos. But unlike filters, styles selectively apply adjustments to the right areas, while preserving skin tones. Choose Vibrant to make photos bright and vivid. Rich Contrast for darker shadows and deeper colors. Warm or Cool to accentuate golden or blue undertones. Preset, ready, go!

### Super Retina XDR display

iPhone 13 features a cinema standard wide color gamut, displaying colors just as filmmakers intended. And with precise color accuracy, everything on the screen looks remarkably natural. The Super Retina XDR display has an ultrahigh pixel density, so photos, videos, text - whatever you're viewing - looks extra-sharp. And the display is even more expansive, thanks to a smaller TrueDepth camera area.

### A15 Bionic chip

The lightning-fast A15 Bionic powers Cinematic mode, Photographic Styles, Live Text, and more. Its Secure Enclave locks down personal info like your Face ID data and contacts. And it's more efficient, helping to deliver longer battery life.

### More 5G bands for 5G speed in more places

The world is quickly moving to 5G. Streaming, downloading - everything happens so much faster. 5G is even fast enough for serious multiplayer gaming, sharing AR videos, and more. With Smart Data mode, iPhone 13 will downshift automatically to save power when you don't need all that speed.

## Main Specifications

Product Description	Apple iPhone 13 - midnight - 5G smartphone - 128 GB - GSM
Product Type	5G smartphone
Manufacturer Model Number	A2633
Display	OLED display - 2532 x 1170 pixels - 6.1" - 460 ppi - Super Retina XDR Display - HDR - fingerprint-resistant oleophobic coating, Ceramic Shield
Processor	Apple A15 Bionic (6-core)

Memory	128 GB
Operating System	iOS 15
Main Camera	12 Megapixel - wide-angle lens - 2x optical zoom - f/1.6 - focus: automatic
Second Camera	12 Megapixel - ultra wide-angle lens - f/2.4
Front Camera	12 Megapixel f/2.2
Service Provider	Not specified
SIM Card	Dual-SIM - nano SIM,Electronic SIM card (e-SIM)
Wireless Interface	NFC,Bluetooth,Wi-Fi 6,UWB
Security Devices	Face recognition
Connectors	Lightning
Wireless Charging Standards	Qi
Protection	Dustproof,splashproof,waterproof
Colour	Midnight
Dimensions (WxDxH)	71.5 mm x 7.65 mm x 146.7 mm
Weight	173 g
Repairability Index	6.4 (out of 10)
Specific Absorption Rate (SAR)	0.98 W/kg (head)   0.99 W/kg (body)
Manufacturer Warranty	1-year warranty

## Extended Specification

### General

Product Type	Smartphone
Manufacturer Model Number	A2633
Form Factor	Touch
Protection	Dustproof,splashproof,waterproof
Width	71.5 mm
Depth	7.65 mm
Height	146.7 mm
Weight	173 g
Body Colour	Midnight
Body Material	Aluminium,glass
SAR Value	0.99 W/kg (body),0.98 W/kg (head)

### Cellular

Technology	WCDMA (UMTS) / GSM
Mobile Broadband Generation	5G
Service Provider	Not specified
Operating System	iOS 15
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

## Communications

Data Transmission EDGE,HSPA+,DC-HSDPA,VoLTE,FDD-LTE,TDD-LTE,VoWiFi,Gigabit LTE,LAA,5G NR FR1

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 2100,1900,850,900,1700EAWS

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 39,Band 40,Band 41,Band 42,Band 46,Band 48,Band 66

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 1900+,FDD 850+,FDD 700 APT,FDD 2300 WCS,FDD 1500 L,TDD 2000,TDD 2600,TDD 1900,TDD 2300,TDD 2500,TD

5G NR Band N1,n2,n3,n5,n7,n8,n20,n28,n38,n41,n66,n77,n78,n79,n40,n25,n12,n48,n30

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,TD 2300,FDD 1900,n12,TDD 3500,FDD 2300

Wireless Interface NFC,Bluetooth 5.0,IEEE 802.11ax,Ultra-Wideband (UWB)

## Phone Features

Phone Functions Speakerphone,voice control,call timer,conference call,flight mode,voice dialing,vibrating alert

Sensors Accelerometer,ambient light sensor,proximity sensor,3-axis gyro sensor,digital compass,barometer,magnetometer

Security Devices Face recognition

Security Technology Face ID

Additional Features AirDrop function,Audio zoom function,MIMO technology,Wi-Fi Calling,iBeacon microlocation,QuickType keyboard,Night streaming,FaceTime audio,Apple MagSafe,Express Transit cards with power reserve,4K HDR AirPlay Mirroring,FaceTime Neural Engine,Zoom with rear-facing camera,Wide Spectrum microphone mode,SharePlay,Screen sharing,Portrait mode

## Media Player

Supported Digital Audio Standards Audible,MP3,FLAC,Apple Lossless,AC-3,AAC-LC,LPCM,HE-AAC,Audible AAX,Audible AAX+,protected AAC,EAC3,HE

Supported Digital Video Standards M-JPEG,H.264,HEVC,MPEG-4 Part 2,HEIF

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

## Processor

Type Apple A15 Bionic

Processor Core Qty 6-core

## Memory

Internal Memory Capacity 128 GB

## Front Camera

Sensor Resolution	12 Megapixel
Lens Aperture	F/2.2
HDR Mode	Smart HDR 4
Special Effects	Natural,Studio,Contour,Stage,Stage Mono,High-Key Mono,Photographic Styles
Face Detection	Face recognition
Camera Modes	Burst mode,night mode,Live Photos,Portrait mode with advanced bokeh and Depth Control,Portrait Lighting,wide colour
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 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 mode for recording videos with shallow depth of field (1080p at 30 fps),Dolby Vision HDR video recording up to 4K at 60

## Main Camera

Sensor Resolution	12 Megapixel
Optical Image Stabiliser	Sensor-shift OIS (Optical Image Stabilisation)
Lens Type	Wide-angle lens
Lens Aperture	F/1.6
Lens Construction	7-element
Focus Adjustment	Automatic
Optical Zoom	2x
Digital Zoom	5x
Special Effects	Natural,Studio,Contour,Stage,Stage Mono,High-Key Mono,Photographic Styles
Camera Modes	Burst mode,Panorama,night mode,low-light shots,Live Photos,Portrait mode with advanced bokeh and Depth Control,Portrait Lighting,Live Photos,Cinema mode,Time Lapse (Night mode)
Face Detection	Face recognition
HDR Mode	Smart HDR 4
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 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 4K video,Time-lapse video with stabilisation,Slow Sync,Advanced red-eye correction,HEIF image capture,Audiodescription video,QuickTake video,HEVC (High Efficiency Video coding),Deep Fusion,Sensor-shift optical image stabilisation for video recording up to 4K at 60 fps,Cinematic mode for recording videos with shallow depth of field (1080p at 30 fps)

## Second Camera

Sensor Resolution 12 Megapixel

Lens Type	Ultra wide-angle lens
Lens Aperture	F/2.4
Lens Element Qty	5-element
Field of View (FoV)	120 degree(s)
Features	Lens correction

## Display

Type	OLED display
Technology	Super Retina XDR Display
Diagonal Size	6.1"
Display Resolution	2532 x 1170 pixels
Pixel Density	460 ppi
Max Brightness	800 cd/m <sup>2</sup>
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,Portuguese,English,German,French,Italian,Norwegian,Portuguese,Polish,Finnish,Swedish,Russian,Spanish,Dutch,Greek,Japanese,Korean,Arabic,English,US English,Australian English,French Canadian,Spanish (Latin American),Chinese (Traditional,Hong Kong),Spanish (Spain)
Features	True Tone display,Edge-to-Edge screen,Wide colour display (P3),Haptic touch,Hybrid Log-Gamma (HLG),1200 nits max

## Connections

Connector Type	Lightning
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## Battery

Technology	Lithium Ion
Fast Charging Technology	Apple fast charging technology,Apple MagSafe wireless charging
Wireless Charging	Yes
Wireless Charging Standards	Qi
Run Time Details	Playback (video):up to 19 hrs Playback (streamed video):up to 15 hrs Playback (audio):up to 75 hrs

## Miscellaneous

Compliant Standards	IEC 60529 IP68,HEARING AID M3/T4
Included Accessories	Lightning to USB-C cable

## Manufacturer Warranty

Service & Support	Limited warranty - 1 year Technical support - consulting - 90 days
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## Sustainability Information

Repairability Index	6.4 (out of 10)
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## Environmental Parameters

Max Depth of Water Resistance	6 m
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Min Operating Temperature	0 °C
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Max Operating Temperature	35 °C
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Humidity Range Operating	5 - 95% (non-condensing)
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## What's in the box

Apple iPhone 13  
Lightning to USB-C cable

\*TD SYNEX is not responsible for errors in the documentation of products.