Apple iPhone Duo 512GB Star White

Brand : Apple **Product family:** iPhone **Product code:** MK2F4QN/A

Product name : iPhone Duo 512GB Star White

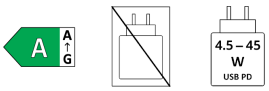


- The largest iPhone display ever. In a thin, foldable design
- More ways to iPhone. Reimagined iOS experiences for ultimate versatility
- Titanium frame and hinge cover. Beautiful and durable
- 48MP Dual Fusion camera system. And all-new ways to shoot from front to back
- Vapor-cooled A20 Pro chip for pro performance
- Dual-battery system. All-day power
- Meet Siri AI. Your AI assistant. More personal. More powerful

iPhone Duo, 7.6/5.4", Super Retina XDR, OLED, 1878 x 2670/1398 x 2034px, 430/460 ppi, A20 Pro, 512GB, 5G, Wi-Fi 7, Bluetooth 6, 48MP/48MP, iOS 27

Apple iPhone Duo 512GB Star White. Display diagonal: 19.3 cm (7.6"), Display resolution: 1878 x 2670 pixels. Processor family: Apple, Processor model: A20 Pro. Internal storage capacity: 512 GB. Rear camera resolution (numeric): 48 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Operating system installed: iOS 27. Battery capacity: 4883 mAh. Product colour: White. Weight: 254 g





Display	
Display diagonal *	19.3 cm (7.6")
Screen shape	Flat
Display technology marketing name	Super Retina XDR
Panel type	OLED
Display glass type	Ceramic Shield 2
Display resolution *	1878 x 2670 pixels
Contrast ratio (typical)	2000000:1
Maximum refresh rate	120 Hz
Display brightness	1000 cd/m²
Maximum display brightness (HDR)	1600 cd/m²
Maximum display brightness (Outdoor)	3000 cd/m²
Display brightness (min)	1 cd/m²
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	Dolby Vision, High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)
Pixel density	430 ppi
Oleophobic coating	✔
Brand specific technologies	Always-on display, Dynamic Island, Haptic touch, ProMotion, True Tone, Wide color (P3)
Fingerprint resistant	✔
Rounded display corners	✔
Second display	✔
Second display diagonal	13.7 cm (5.4")
Second display resolution	1398 x 2034 pixels
Second display brightness	1000 cd/m²

Network	
AirPlay	✔
iBeacon	✔
MIMO	✔
Near Field Communication (NFC)	✔
Subscription	
Subscription type *	No subscription
Ports & interfaces	
USB port	✔
USB connector type	USB Type-C
USB version	3.2 Gen 2 (3.1 Gen 2)
Navigation	
GPS (satellite)	✔
NavIC	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Quasi-Zenith Satellite System (QZSS)	✔
Electronic compass	✔
Position location *	✔
Wi-Fi positioning	✔
Design	
Form factor *	Fold
Product colour *	White
Colour name	Star White

Display	
Second display maximum brightness	3000 cd/m²
Second display type	Super Retina XDR
Second display pixel density	460 ppi
Second display glass type	Ceramic Shield
Second display refresh rate	120 Hz

Processor	
Processor family *	Apple
Processor model *	A20 Pro
Processor cores	6
Performance cores	2
Efficient cores	4
Number of neural processor units (NPUs)	2
Neural processor unit (NPU)	Apple Neural Engine (ANE)
Neural processor unit (NPU) cores	16
Hardware-accelerated ray tracing	✔

Storage	
Internal storage capacity *	512 GB
Compatible memory cards *	Not supported

Camera	
Rear camera resolution (numeric) *	48 MP
Second rear camera resolution (numeric)	48 MP
Rear camera aperture number	1.6
Second rear camera aperture number	2.2
Second rear camera field of view (FOV) angle	120°
Rear camera focal length	2.6 cm
Second rear camera focal length	1.3 cm
Lens cover material	Sapphire crystal
Lens correction	✔
Rear camera lens name	Fusion Main
Second rear camera lens name	Fusion Ultra Wide
Optical zoom	4x
Optical zoom in	2x
Optical zoom out	2x
Digital zoom	10x
Front camera type *	Single camera
Front camera resolution (numeric) *	18 MP
Front camera aperture number	2.2
Rear camera flash *	✔
Front camera flash	✘
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	240 fps
Resolution at capture speed	1280x720@30fps, 1920x1080@120fps, 1920x1080@240fps, 1920x1080@25fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@24fps, 3840x2160@25fps, 3840x2160@30fps, 3840x2160@60fps
Video recording modes	720p, 1080p, 2160p
Rear camera type *	Dual camera
Auto focus	✔
3D depth rear camera	✘
3D depth front camera	✘

Design	
Back glass type	Ceramic Shield
Magnet array	✔
Protection features	Dust resistant, Splash proof, Water resistant
Waterproof up to	6 m
Housing material	Aluminium, Titanium, Glass

Performance	
Video call	✔
Fast charging	✔
Wireless charging	✔
Wireless charging power	25 W
Graphics card cores	7
AI control	✔
Emergency SOS (satellite)	✔
Crash detection	✔
Fingerprint reader	✔
Face recognition	✔
Accessibility features	AssistiveTouch, Closed Captions, Eye Tracking, Live Captions, Live Speech, Magnifier, Personal Voice, Real-time text (RTT), Spoken Content, Switch Control, Teletype (TTY), Type to Siri, Vocal Shortcuts, Voice Control, VoiceOver, Zoom
Speakerphone	✔
Voice commands	✔
Hearing aid compatibility	✔
Action button	✔
Action button features	Accessibility, Camera, Controls, Flashlight, Focus, Magnifier, Recognize Music, Shortcut, Silent mode, Translate, Visual Intelligence, Voice Memo
Camera button	✔
Screen sharing	✔
Spatial audio	✔
Voice isolation	✔
Wide Spectrum	✔
Roadside assistance	✔
Supports Apple Pencil	✔
Vibrating alert	✔
Country of origin	China

Multimedia	
Speakers	stereo
Audio formats supported	AAC, ALAC, APAC, FLAC, MP3
Video formats supported	AV1, H.264, HEVC

Software	
Platform *	iOS
Operating system installed *	iOS 27
App distribution platform	Apple App Store
Virtual assistant	Apple Siri
Apple Intelligence	✔

Camera	
Face detection	✔
Camera High Dynamic Range (HDR) mode	✔
Time lapse mode	✔
Video stabilizer	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Geotagging	✔
Night mode	✔
Photonic Engine	✔
Deep Fusion	✔
Portrait Lighting	✔
QuickTake video	✔
Stereo recording	✔
Camera button controls	Cameras, Depth, Exposure, Styles, Tone, Zoom
Panorama	✔
Portrait mode	✔
Macro photography	✔
Spatial photos	✔
Wind noise reduction	✔
Slow motion mode	✔
Camera image formats supported	HEIF, JPEG
Camera video formats supported	H.264, HEVC
Audio zoom	✔

Network	
SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	eSIM
Wireless networking chip	Apple N1
Modem chipset	Apple C2
3G standards *	HSPA+, UMTS
4G standard *	LTE-TDD & LTE-FDD
5G standard *	NR, NR mmWave, Sub6
Voice over LTE (VoLTE) supported	✔
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi	✔
Wi-Fi standards	Wi-Fi 7 (802.11be)
Bluetooth *	✔
Bluetooth version	6.0
Bluetooth Low Energy (BLE)	✔
Frequency band	Penta-band
3G bands supported	850,900,1700,1900,2100 MHz
4G data rate (max)	1000 Mbit/s

Software	
Windows operating systems supported	Windows 10, Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 IOT Core, Windows 10 IoT Enterprise, Windows 10 Pro, Windows 10 Pro x64, Windows 10 x64, Windows 11, Windows 11 Enterprise, Windows 11 Enterprise x64, Windows 11 Home, Windows 11 Pro, Windows 11 x64
Mac operating systems supported	Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 11.0 Big Sur, Mac OS X 12.0 Monterey, Mac OS X 13.0 Ventura, Mac OS X 14.0 Sonoma, Mac OS X 15.0 Sequoia

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of batteries	2
Battery weight	69.94 g
Battery endurance in cycles *	1000
Battery capacity *	4883 mAh
Continuous video playback time (max)	31 h
Continuous video playback time (streamed) (max)	26 h
Rechargeable battery	✔

Sensors	
Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔
Barometer	✔
Magnetic sensor	✔

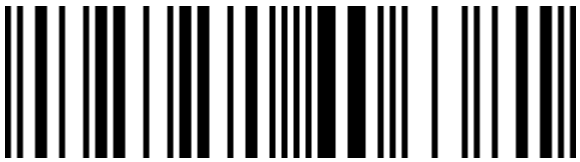
Power	
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔
USB Type-C required charging power (min) *	4.5 W
USB Type-C required charging power (max) *	45 W

Endurance	
Energy efficiency class *	A
Energy efficiency scale	A to G
Battery endurance per cycle *	3090 min
Repeated free fall reliability class *	B
Repairability class *	C
International Protection (IP) code *	IP68

Weight & dimensions	
Width	164.6 mm
Depth	5.2 mm
Height	117.8 mm
Weight *	254 g
Folded width	8.41 cm
Folded depth	1.13 cm
Folded height	11.8 cm

Packaging data	
Package width	138.3 mm
Package depth	184 mm

Packaging data	
Package height	24.2 mm
Package weight	0.465 g
Packaging content	
AC adapter included *	✗
Quick start guide	✔
Cables included	USB Type-C
Operational conditions	
Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-20 - 45 °C
Operating relative humidity (H-H)	5 - 95%
Operating altitude	0 - 3000 m
Other features	
Ringer type	MP3
Technical details	
Pre-installed applications	Apple Store, App Store, Books, Calculator, Calendar, Camera, Clips, Clock, Compass, Contacts, FaceTime, Files Find My Fitness,, Freeform, GarageBand, Health, Home, iMovie, iTunes Store, Journal, Keynote, Magnifier, Mail, Maps, Measure, Messages, Music, News, Notes, Numbers, Pages, Passwords, Phone, Photos, Podcasts, Reminders, Safari, Settings, Shortcuts, Stocks, Tips, Translate, TV, Voice, Memos, Wallet, Watch, Weather



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