



Apple iPhone Duo 256GB Night Sky

Brand : Apple Product family: iPhone Product code: MK2E4QN/A

Product name : iPhone Duo
256GB Night Sky



- 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, 256GB, 5G, Wi-Fi 7, Bluetooth 6, 48MP/48MP, iOS 27
- Apple iPhone Duo 256GB Night Sky. Display diagonal: 19.3 cm (7.6"), Display resolution: 1878 x 2670 pixels. Processor family: Apple, Processor model: A20 Pro. Internal storage capacity: 256 GB. Rear camera resolution (numeric): 48 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Operating system installed: iOS 27. Product colour: Dark Blue. Weight: 254 g

Display		Network	
Display diagonal *	19.3 cm (7.6")	Wi-Fi standards	Wi-Fi 7 (802.11be)
Screen shape	Flat	Bluetooth *	✓
Display technology marketing name	Super Retina XDR	Bluetooth version	6.0
Panel type	OLED	Bluetooth Low Energy (BLE)	✓
Display glass type	Ceramic Shield 2	Frequency band	Penta-band
Display resolution *	1878 x 2670 pixels	3G bands supported	850,900,1700,1900,2100 MHz
Contrast ratio (typical)	2000000:1	4G data rate (max)	1000 Mbit/s
Maximum refresh rate	120 Hz	AirPlay	✓
Display brightness	1000 cd/m²	iBeacon	✓
Maximum display brightness (HDR)	1600 cd/m²	MIMO	✓
Maximum display brightness (Outdoor)	3000 cd/m²	Near Field Communication (NFC)	✓
Display brightness (min)	1 cd/m²	Subscription	
High Dynamic Range (HDR) supported	✓	Subscription type *	No subscription
High Dynamic Range (HDR) technology	Dolby Vision, High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)	Ports & interfaces	
Pixel density	430 ppi	USB port	✓
Oleophobic coating	✓	USB connector type	USB Type-C
Brand specific technologies	Always-on display, Dynamic Island, Haptic touch, ProMotion, True Tone, Wide color (P3)	USB version	3.2 Gen 2 (3.1 Gen 2)
Fingerprint resistant	✓	Navigation	
Rounded display corners	✓	GPS (satellite)	✓
Second display	✓	NavIC	✓
Second display diagonal	13.7 cm (5.4")	GLONASS	✓
Second display resolution	1398 x 2034 pixels	BeiDou	✓
Second display brightness	1000 cd/m²	Galileo	✓
		Quasi-Zenith Satellite System (QZSS)	✓
		Electronic compass	✓

Display		Navigation	
Second display maximum brightness	3000 cd/m²	Position location *	✓
Second display type	Super Retina XDR	Wi-Fi positioning	✓
Second display pixel density	460 ppi	Design	
Second display glass type	Ceramic Shield	Form factor *	Fold
Second display refresh rate	120 Hz	Product colour *	Dark Blue
Processor		Colour name	Night Sky
Processor family *	Apple	Back glass type	Ceramic Shield
Processor model *	A20 Pro	Magnet array	✓
Processor cores	6	Protection features	Dust resistant, Splash proof, Water resistant
Performance cores	2	Waterproof up to	6 m
Efficient cores	4	Housing material	Aluminium, Titanium, Glass
Number of neural processor units (NPUs)	2	Performance	
Neural processor unit (NPU)	Apple Neural Engine (ANE)	Video call	✓
Neural processor unit (NPU) cores	16	Fast charging	✓
Hardware-accelerated ray tracing	✓	Wireless charging	✓
Storage		Wireless charging power	25 W
Internal storage capacity *	256 GB	Graphics card cores	7
Compatible memory cards *	Not supported	AI control	✓
Camera		Emergency SOS (satellite)	✓
Rear camera resolution (numeric) *	48 MP	Crash detection	✓
Second rear camera resolution (numeric)	48 MP	Fingerprint reader	✓
Rear camera aperture number	1.6	Face recognition	✓
Second rear camera aperture number	2.2	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
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	Speakerphone	✓
Lens correction	✓	Voice commands	✓
Rear camera lens name	Fusion Main	Hearing aid compatibility	✓
Second rear camera lens name	Fusion Ultra Wide	Action button	✓
Optical zoom	4x	Action button features	Accessibility, Camera, Controls, Flashlight, Focus, Magnifier, Recognize Music, Shortcut, Silent mode, Translate, Visual Intelligence, Voice Memo
Optical zoom in	2x		
Optical zoom out	2x		
Digital zoom	10x		
Front camera type *	Single camera	Camera button	✓
Front camera resolution (numeric) *	18 MP	Screen sharing	✓
Front camera aperture number	2.2	Spatial audio	✓
Rear camera flash *	✓	Voice isolation	✓
Front camera flash	✗	Wide Spectrum	✓
Video capture resolution (max)	3840 x 2160 pixels	Roadside assistance	✓
Maximum frame rate	240 fps	Supports Apple Pencil	✓
Resolution at capture speed	1280x720@30fps,	Vibrating alert	✓
	1920x1080@120fps,	Multimedia	
	1920x1080@240fps,	Speakers	stereo
	1920x1080@25fps,	Audio formats supported	AAC, ALAC, APAC, FLAC, MP3
Video recording modes	1920x1080@30fps,	Video formats supported	AV1, H.264, HEVC
	1920x1080@60fps,	Software	
	3840x2160@24fps,	Platform *	iOS
	3840x2160@25fps,	Operating system installed *	iOS 27
Rear camera type *	3840x2160@30fps,	App distribution platform	Apple App Store
	3840x2160@60fps	Virtual assistant	Apple Siri
Auto focus	✓	Apple Intelligence	✓
3D depth rear camera	✗		
3D depth front camera	✗		

Camera		Software	
Face detection	✓	Windows operating systems supported Mac 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
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	✓		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
Deep Fusion	✓		
Portrait Lighting	✓		
QuickTake video	✓		
Stereo recording	✓		
Battery			
Camera button controls	Cameras, Depth, Exposure, Styles, Tone, Zoom	Battery technology	Lithium-Ion (Li-Ion)
Panorama	✓	Number of batteries	2
Portrait mode	✓	Continuous video playback time (max)	31 h
Macro photography	✓	Continuous video playback time (streamed) (max)	26 h
Spatial photos	✓	Rechargeable battery	✓
Wind noise reduction	✓	Sensors	
Slow motion mode	✓	Proximity sensor	✓
Camera image formats supported	HEIF, JPEG	Accelerometer	✓
Camera video formats supported	H.264, HEVC	Ambient light sensor	✓
Audio zoom	✓	Gyroscope	✓
Network		Barometer	✓
SIM card capability *	Dual SIM	Magnetic sensor	✓
Mobile network generation *	5G	Power	
SIM card type *	eSIM	USB Type-C charging port *	✓
Wireless networking chip	Apple N1	USB Power Delivery (USB PD)	✓
Modem chipset	Apple C2	Endurance	
3G standards *	HSPA+, UMTS	International Protection (IP) code *	IP68
4G standard *	LTE-TDD & LTE-FDD	Weight & dimensions	
5G standard *	NR, NR mmWave, Sub6	Width	164.6 mm
Voice over LTE (VoLTE) supported	✓	Depth	5.2 mm
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Height	117.8 mm
Wi-Fi	✓	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
		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%

Operational conditions	
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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