Apple iPhone 12 15.5 cm (6.1") Dual SIM iOS 14 5G 64 GB Blue



Brand : Apple **Product family:** iPhone **Product code:** MGJ83FS/A

Product name : iPhone 12

iPhone 12, 6.1" OLED, 2532x1170, A14 Bionic, 64GB, 802.11ax Wi-Fi 6, Bluetooth 5.0, NFC, 12MP Ultra Wide + 12MP Wide, 12MP, Face ID, IP68, iOS 14

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iPhone 12
Blast past fast.
5G speed. A14 Bionic, the fastest chip in a smartphone.
An edge-to-edge OLED display. Ceramic Shield with four times better drop performance. And Night mode on every camera. iPhone 12 has it all — in two perfect sizes.
Apple iPhone 12 . Display diagonal: 15.5 cm (6.1"), Display resolution: 2532 x 1170 pixels. Processor family: Apple, Processor model: A14. Internal storage capacity: 64 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Operating system installed: iOS 14. Product colour: Blue. Weight: 164 g



7,5 /10

Display	
Display diagonal *	15.5 cm (6.1")
Screen shape	Flat
Panel type	OLED
Display glass type	Ceramic Shield
Display resolution *	2532 x 1170 pixels
Contrast ratio (typical)	2000000:1
Display brightness	625 cd/m²
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	Extreme Dynamic Range (XDR)
Pixel density	460 ppi
Fingerprint resistant	✔
Rounded display corners	✔

Processor	
Processor family *	Apple
Processor model *	A14
Processor cores	6
Neural processor unit (NPU)	Apple Neural Engine (ANE)
Neural processor unit (NPU) cores	16

Storage	
Internal storage capacity *	64 GB
Compatible memory cards *	Not supported

Messaging	
Short Message Service (SMS)	✔
Multimedia Messaging Service (MMS)	✔
E-mail	✔

Navigation	
GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Quasi-Zenith Satellite System (QZSS)	✔
Electronic compass	✔
Position location *	✔
Wi-Fi positioning	✔

Design	
Form factor *	Bar
Product colour *	Blue
Protection features	Dust resistant, Splash proof, Water resistant
Housing material	Aluminium, Glass

Performance	
Video call	✔

Camera

Rear camera resolution (numeric) *	12 MP
Second rear camera resolution (numeric)	12 MP
Rear camera aperture number	2.4
Second rear camera aperture number	1.6
Rear camera field of view (FOV) angle	120°
Rear camera lens elements	5-element lens
Second rear camera lens elements	7-element lens
Optical zoom	2x
Digital zoom	5x
Front camera type *	Single camera
Front camera sensor size	12"
Front camera aperture number	2.2
Rear camera flash *	✔
Flash type	LED
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	240 fps
Resolution at capture speed	1920x1080@120fps, 1920x1080@240fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@24fps, 3840x2160@30fps, 3840x2160@60fps
Video recording modes	720p, 1080p, 2160p
Rear camera type *	Dual camera
Auto focus	✔
Face detection	✔
Time lapse mode	✔
Video stabilizer	✔
Image stabilizer	✔
Geotagging	✔
Multi-shot	✔
Self-timer	✔
Night mode	✔

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
3G standards *	DC-HSDPA, HSPA+, UMTS
4G standard *	LTE
Voice over LTE (VoLTE) supported	✔
Wi-Fi	✔
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Bluetooth *	✔
Bluetooth version	5.0
3G bands supported	800,850,900,1700,1900,2100 MHz
AirPlay	✔
iBeacon	✔
MIMO	✔
Near Field Communication (NFC)	✔

Subscription

Subscription type *	No subscription

Ports & interfaces

USB port	✘
Headphone connectivity	Lightning

Performance

Fast charging	✔
Wireless charging	✔
Graphics card cores	4
Face recognition	✔
Speakerphone	✔
Voice dialling	✔
Voice commands	✔
Hearing aid compatibility	✔
Vibrating alert	✔

Multimedia

FM radio	✘
Speakers	stereo
Audio formats supported	AAC-LC, AAX, AAX+, AC3, ALAC, EAC3, FLAC, HE-AAC, HE-AAC v2, LPCM, MP3
Video formats supported	H.264, HEVC, M-JPEG, MPEG-4 Part 2

Software

Platform *	iOS
Operating system installed *	iOS 14
App distribution platform	Apple App Store
Virtual assistant	Apple Siri
Windows operating systems supported	✔
Mac operating systems supported	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Continuous audio playback time	65 h
Continuous video playback time (max)	17 h

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔
Orientation sensor	✔
Barometer	✔

Power

USB Type-C charging port *	✘
USB Power Delivery (USB PD)	✔

Endurance

Repairability index	7.5
International Protection (IP) code *	IP68

Weight & dimensions

Width	71.5 mm
Depth	7.4 mm
Height	146.7 mm
Weight *	164 g

Packaging content

AC adapter included *	✘
Cables included	USB Type-C to Lightning
Headset included	✘

Specific absorption rate (SAR)

Head SAR (EU)	0.98 W/kg
Body SAR (EU)	0.99 W/kg

Ports & interfaces	
Lightning connector	✔

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	
Touchscreen	✔

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