The Fairphone (Gen. 6)



Brand : Fairphone

Product family: Fairphone (Gen. 6)

Product code: F6FPHN-2WH-EU1

Product name : The Fairphone (Gen. 6)

- Beyond future-proof. Backed by a 5-year warranty and 8 years of software support.
- Built to outlast. Durable by design—drop-tested, scratch-resistant Gorilla Glass 7i, and IP55 rainproof.
- Iconically modular. Replaceable modules, integrated accessories and an elevated design that just feels right.

6.3", Full HD, 1116 x 2484p, LTPO P-OLED, 8/256 GB, 13+ 50MP, 32MP, Dual SIM (nano-SIM + eSIM, both 5G enabled), Wi-Fi 6E, Bluetooth 5.4, NFC, 4415 mAh, Android 15, Cloud White, 193g

The (Gen. 6). Display diagonal: 16 cm (6.31"), Display resolution: 1116 x 2484 pixels. Processor family: Snapdragon, Processor model: 7s Gen 3. RAM capacity: 8 GB, RAM type: LPDDR5, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Operating system installed: Android 15. Battery capacity: 4415 mAh. Product colour: White. Weight: 193 g



Display	
Display diagonal *	16 cm (6.31")
Screen shape	Flat
Panel type	P-OLED
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass 7i
Display resolution *	1116 x 2484 pixels
Display number of colours	1.07 billion colours
Native aspect ratio	20:9
Contrast ratio (typical)	1000000:1
Maximum refresh rate	120 Hz
Touch response rate	240 Hz
Display brightness	800 cd/m²
Maximum display brightness (Outdoor)	1400 cd/m²
Pixel density	431 ppi
Oleophobic coating	✔

Processor	
Processor family *	Snapdragon
Processor model *	7s Gen 3
Processor cores	8
Performance cores	4
Efficient cores	4
Processor boost frequency	2.5 GHz

Network	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Bluetooth *	✔
Bluetooth version	5.4
Bluetooth Low Energy (BLE)	✔
aptX technology	✔
Wi-Fi Direct	✔
Modulation	PWM
Near Field Communication (NFC)	✔

Ports & interfaces	
USB connector type	USB Type-C
USB version	2.0
Headphone connectivity	USB Type-C

Navigation	
GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Electronic compass	✔
Position location *	✔

Storage

RAM capacity *	8 GB
RAM type	LPDDR5
Internal storage capacity *	256 GB
Compatible memory cards *	MicroSD (TransFlash)
Maximum memory card size	2 TB

Camera

Rear camera sensor size	1/1.56"
Second rear camera sensor size	1/3.06"
Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	13 MP
Second rear camera aperture number	2.2
Rear camera pixel size	1 µm
Second rear camera pixel size	1.12 µm
Second rear camera lens elements	5-element lens
Digital zoom	10x
Front camera type *	Single camera
Front camera resolution (numeric) *	32 MP
Rear camera flash *	✔
Front camera flash	✔
Flash type	LED
Sensor type	Sony LYTIA 700C
Optical sensor size	25.4 / 1.56 mm (1 / 1.56")
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	60 fps
Resolution at capture speed	1280x720@120fps, 1280x720@30fps, 1280x720@60fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps
Video recording modes	720p, 1080p, 2160p
Rear camera type *	Dual camera
Auto focus	✔
Time lapse mode	✔
Image stabilizer	✔
Image stabilizer type	Electronic Image Stabilization (EIS), Optical Image Stabilization (OIS)
Night mode	✔
Panorama	✔
Portrait mode	✔
Macro photography	✔
Slow motion mode	✔
Slow motion rate	FHD 1080: 120fps HD 720P: 240fps, 120fps

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)

Design

Form factor *	Bar
Product colour *	White
Colour name	Cloud White
Protection features	Drop proof, Impact resistant

Performance

Video call	✔
Fingerprint reader	✔
Face recognition	✔
USB On-The-Go support	✔

Multimedia

Speakers	stereo
Audio formats supported	AAC, SBC, apt-X

Software

Platform *	Android
Operating system installed *	Android 15
Software update term	2033

Battery

Battery technology	Lithium-Ion (Li-Ion)
Removable battery	✔
Battery endurance in cycles *	1000
Battery capacity *	4415 mAh
Browsing time (Wi-Fi) (max)	12 h

Sensors

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

Power

USB Type-C charging port *	✔

Endurance

Energy efficiency class *	A
Energy efficiency scale	A to G
Battery endurance per cycle *	3203 min
Repeated free fall reliability class *	A
Repairability class *	A
Repairability index	9.3
International Protection (IP) code *	IP55

Weight & dimensions

Width	73.3 mm
Depth	9.6 mm
Height	156.5 mm
Weight *	193 g

Packaging content

Screen protector	✔
Protective case	✔

Specific absorption rate (SAR)

Head SAR (EU)	0.487 W/kg
Body SAR (EU)	1.388 W/kg
Extremities SAR (EU)	1.388 W/kg

8718819372554

Catalog Object Cloud

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.

Publication date: 14-NOV-2026. Prints or copies of Information are only valid on the printed Publication date