

The Fairphone (Gen. 6+) - Tech Specs

Design

Dimensions	156.5 mm x 73.3
Thickness	9.6 mm
Weight	191.4 g
IP rating	IP 55

Display

Technology	P-OLED LTPO
Size	6.31 inches
Frequency	10–120Hz (adaptive)
Resolution	1116 x 2484
Aspect ratio	20:9
Density	431 ppi
No of colors	1.07 billion
Glass	Corning Gorilla Glass 7i 0.7mm, fully laminated

OS

Android™ 16

Performance

Chipset	Snapdragon 7s Gen 4
Processor type	1 Prime + 3 Performance + 4 x Efficiency Cores
Processor speed	2.5/2.4/1.8 GHz
GPU	Adreno
RAM	12GB LPDDR5
Int. memory	256GB UFS3.1
Ext. memory	SD card tray available

www.fairphone.com

Battery

4415 mAh, removable Li-ion
50% charge in 25 min with min. 30W
charger
53h 50 min mixed use playtime

SAR values

Max SAR head (10g) = 0.487 W/Kg
Max SAR body (10g) = 1.388 W/Kg
Max SAR limb (10g) = 1.388 W/Kg

Bluetooth	5.4 LE
ASHA support	YES
NFC	Yes
USB	USB 2.0 with OTG
USB connector	Type C
Dual band Wi-Fi	Wi-fi 6E 2.4GHz+5GHz+6GHz 802.11 a/b/g/n/ac/ax WiFi direct support

Displayport	No
Accelerometer	Yes
Gyroscope	Yes
Proximity	Yes
E-Compass	Yes
Fingerprint	Yes, side-mounted
Face recognition	Yes
Barometer	Yes
Minijack	No, USB-C digital
Speaker	Stereo speaker

Network

5G

Max download speed: 2.9Gbps
Max upload speed: 200 Mbps
Sub NSA bands:
n1/2/3/5/7/8/20/28/38/40/41/6
6/71/77/78

4G (LTE)

Max download speed: 1.2Gbps
Max upload speed: 200 Mbps
4 x 4 MIMO support
VoLTE + VoWiFi
LTE bands:
B1/2/3/4/5/7/8/12/17/20/25/26/
28/32/38/40/41/42/66/71

3G (HSPA+)

Max download speed: 42Mbps
Max upload speed: 5.76Mbps
Bands: 1/2/5/8
HSDPA Cat. 24
HSUPA Cat. 6

2G (GMS, GPRS, EDGE)

850/900/1800/1900 Mhz

Dual SIM

1 x Nano-SIM slot, 5G enabled
1 x eSIM, 5G enabled
(only one SIM card can be
active on 5G at a time)

Cameras

Primary

Resolution	50MP
Sensor size	1/1.56" (LYTIA 700C)
Image size	8192x6144
Aperture	f/1.88
Autofocus type	Auto Focus
Sensors	TOF sensor
OIS	Yes
Flash type	Single LED
Digital zoom	Up to 10x
Video capture	4K at 30fps 1080p at 60fps
Slow-motion	240fps

Ultra-Wide

Resolution	13MP
Image size	4208x3120
Aperture	f2.2
Focus	Auto Focus
Viewing angle	120
Sensors	TOF sensor
Flash type	Single LED

Front

Resolution	32MP
Sensor size	1/3.42" (KD1)
Sensors	6560 x 4928
Aperture	f2.0
Autofocus type	Auto Focus
EIS	Yes
Digital zoom	1.5x
Video capture	2k at 30fps