

# Fairphone 5 Technical specifications

## Design

Colour	Black, Transparent, Blue
Dimensions	161.60 mm x 75.83 mm
Thickness	9.6 mm
Weight	212 g
IP rating	IP 55

## Display

Technology	POLED
Size	6.46 inches
Resolution	1224x2770
Aspect ratio	9x20
Density	459 ppi
No of colors	16,7M
Glass	Corning Gorilla Glass 5 0.7mm, fully laminated

## OS

Android™ 14

## Performance

Chipset	Qualcomm QCM 6490
Processor type	1 Gold + 3 Gold + 4 x Silver Processor Cores
Processor speed	2.7/2.4/1.9 GHz
GPU	Adreno 642L @ 812MHz
RAM	<b>6GB</b>
Int. memory	<b>128GB</b>
Ext. memory	SDXC(up to 2TB)

## Battery

4200 mAh, removable Li-ion  
50% charge in 20 min with  
min. 30W charger  
459 hours whilst idle  
38.46 hours Talk Time

## SAR values

Max SAR head= 0.402 W/Kg  
Max SAR body = 0.847 W/Kg  
Max SAR limb = 0.847W/Kg

Bluetooth	5.2 + LE
NFC	Yes
USB	USB 3.0 with OTG
USB connector	Type C
Dual band Wi-Fi	2.4Ghz + 5Ghz + 6Ghz 802.11 a/b/g/n/ac/ax WiFi direct support
Display port	Yes
Accelerometer	Yes
Gyroscope	Yes
Proximity	Yes
E-Compass	Yes
Fingerprint	Yes, side-mounted
Face recognition	Yes

## Media & Audio

Minijack	No, USB-C
Speaker	Dual SPK

## Network

### 5G

Max download speed: 2.3Gbps  
Max upload speed: 200Mbps  
Sub NSA bands: n1/n2/n3/n5/  
n7/n8/n20/n28/n38/n41/n48/  
n66/n71/n77/n78

### 4G (LTE)

Max download speed: 1.2Gbps  
Max upload speed: 200 Mbps  
4 x 4 MIMO support  
VoLTE + VoWiFi  
LTE bands: 1/2/3/4/5/7/8/12/20/  
28/32/38/40/41/42/48/66/71

### 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 (12.5MP output)
Sensor size	1/1/56" (IMX800)
Image size	8192x6144
Aperture	F1.88
Autofocus type	Open Loop
Sensors	TOF sensor
OIS	Yes
Flash type	Single LED
Digital zoom	Up to 20
Video capture	1080p at 60fps 4K at 30fps 240fps
Slow-motion	

### Ultra-Wide

Resolution	50MP
Image size	4096x3072 (12.6MP)

Aperture	F2.2
Focus	Fixed Focus
Viewing angle	117
Sensors	TOF sensor
Flash type	Single LED flash

### Selfie

Resolution	50MP with HDR support
Sensor size	1/2.76" (JN1)
Sensors	JN1
Aperture	F2.45
Autofocus type	Fixed Focus
EIS	Yes
Digital zoom	1.5x
Video capture	4k at 30fps

# Fairphone 5 - technische Spezifikationen

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