

# Tech Specs Fairphone 3

## DESIGN

Color:	Dark Translucent
Dimensions:	158 x 71.8 x 9.89 mm
Weight:	189 g

## DISPLAY

Technology:	IPS
Size:	5.65 inches
Size:	2160x1080 pixels
Aspect ratio:	18:9
Density:	427 PPI
No. of colors:	16 M
Glass:	Gorilla Glass 5

## REAR CAMERA

Resolution:	12 MP
Sensor size:	1/2.55"
Aperture:	F1.8
Autofocus:	Yes
Autofocus type:	PDAF
Sensor model:	IMX363
Optical image stabilization:	No
Flash:	Yes
Flash type:	Dual LED
Digital zoom:	Up to 8x
HDR support:	Yes
Max supported video recording resolution:	3840x2160 p (4K UHD) at 30 fps 1920x1080 p at 30 fps 1280x720 p at 60 fps

## FRONT CAMERA

Resolution:	8 MP
Sensor size:	1/4" 1/inches
Aperture:	F2.0
Optical image stabilization:	No
Flash:	No
Digital zoom:	Up to 8x
HDR support:	Yes

## PERFORMANCE

SoC:	Qualcomm Snapdragon 632
Processor type:	64-bit Octa-Core
Processor speed:	up to 1.8 GHz
RAM:	4 GB
Integrated memory:	64 GB
GPU:	Qualcomm Adreno 506 650 MHz
External memory support:	Yes, microSD up to 400 GB

## CONNECTIVITY

Wi-Fi multiband support:	Yes, 2.4 and 5 GHz
Wi-Fi standards support:	802.11 a/b/g/n/ac
Wi-Fi Direct support:	Yes
Bluetooth:	Yes, v5.0+LE
NFC:	Yes
USB standard support:	Yes, 2.0
USB connector format:	Type-C
Jack:	Yes, 3.5mm
SIM standard:	Nano SIM (4FF)
Dual SIM support:	Yes

## OS

Version:	Android 9 (Pie)
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## 2G NETWORK (GSM, GPRS, EDGE)

Type:	Class 33
Supported frequencies:	850 / 900 / 1800 / 1900 MHz

## 3G NETWORK (HSPA+)

HSDPA:	Cat. 24
HSUPA:	Cat. 6
Supp. frequencies (MHz):	800 / 850 / 900 / 1700 / 1900 / 2100
Max download speed:	42 Mbps
Max upload speed:	5.76 Mbps

## 4G NETWORK (LTE)

Type:	Cat. 13 UL/Cat. 7 DL
MIMO:	Yes, 4x2
Carrier Aggregation:	Yes, 2CA
VoLTE:	Yes
VoWiFi:	Yes
Supported bands:	1 / 2 / 3 / 4 / 5 / 7 / 8 / 13 / 20 / 26
Max download speed:	300 Mbps
Max upload speed:	150 Mbps

## BATTERY

Type:	Li-ion
Capacity:	3060 typ., 3000 min. mAh
Charging time:	3.5 hours
Battery duration, idle:	300 hours
Battery duration, phone call:	20 hours
Removable:	Yes

## SENSORS & LOCATION

GNSS support:	Yes
GNSS standards:	GPS, Glonass, Galileo
Assisted GPS support:	Yes
Ambient Light:	Yes
Accelerometer:	Yes
Gyroscope:	Yes
Proximity:	Yes
Compass:	Yes
Fingerprint:	Yes

## MULTIMEDIA

Supported video codecs:	HEVC, H.264, VC-1, MPEG-4, DivX, MPEG-2, H.263, VP8, VP9
Supported audio codecs:	PCM playback, AAC/AAC+/eAAC+, MP3, WMA (v9, v10), WMALossless, WMAPro 10, AMR-NB, AMR-WB, FLAC, ALAC, Vorbis, AIFF, APE
External speaker loudness:	95 @ 10cm dB
Miracast support:	Yes

## OTHER

Max SAR head:	0.388 W/kg@10g
Max SAR body:	1.405 W/kg@10g