PHONE COMPARISON

2 devices

XIAOMI • 2019

Xiaomi Redmi 7

ENERGIZER • 2020

Energizer Hardcase H620S

Rows marked on the left differ between the devices.

Launch

3

Announced	18 Mar 2019	12 Dec 2020
Released	20 Mar 2019	9 Feb 2021
Status	Available	Available

Network

4

2G bands	E-GSM-900, P-GSM-900, GSM-850, T-GSM-900, DCS-1800, R-GSM-900	P-GSM-900, GSM-850, T-GSM-900, R-GSM-900, E-GSM-900, DCS-1800
3G bands	B5 (850 MHz), B26 (850 MHz), B25 (1900 MHz), B2 (1900 MHz), B8 (900 MHz)	B8 (900 MHz), B26 (850 MHz), B25 (1900 MHz), B2 (1900 MHz), B5 (850 MHz)
4G bands	B1 (2100 MHz), B5 (850 MHz), B3 (1800 MHz), B8 (900 MHz), B4 (1700 MHz), B2 (1900 MHz), B7 (2600 MHz), B20 (800 MHz), +1 more	B34 (2000 MHz), B40 (2300 MHz), B1 (2100 MHz), B8 (900 MHz), B3 (1800 MHz), B38 (2600 MHz), B28 (700 MHz), B5 (850 MHz), +4 more
SIM	Dual SIM (Nano-SIM)	Hybrid Dual SIM (Nano-SIM)

Body

8

Height	158.7 mm	163 mm
Width	75.6 mm	78.2 mm
Thickness	8.5 mm	12 mm
Weight	180 g	250 g
Colors	Lunar Red, Comet Blue, Eclipse Black	Black
Back material	Plastic	Plastic
Frame material	Plastic	Plastic
QWERTY keyboard	No	No

Platform

2

OS	Android 9.0 Pie	Android 10
Chipset	Snapdragon 632	Helio P22 (12 nm)

Memory

3

Memory	2GB RAM, 16GB 2GB RAM, 32GB 3GB RAM, 32GB 3GB RAM, 64GB 4GB RAM, 64GB	4GB RAM, 64GB
Card slot	microSDXC	microSDHC
Dedicated card slot	Yes	Yes

Display

8

Size	6.26"	6.2"
Resolution width	720 px	720 px
Resolution height	1520 px	1440 px
Pixel density	269 ppi	260 ppi
High refresh rate	No	No
Display area	97.8 cm²	99.2 cm²
Screen-to-body ratio	81.5%	77.8%
Technology	IPS LCD	IPS LCD

Main camera

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Cameras	12MP, f/2.2, No, PDAF 2MP, depth	48MP, standard, PDAF
Flash	LED	Dual-LED
Video	1080p@30/60fps	1080p@30fps
HDR	Yes	No
Panorama	Yes	No

Selfie camera

4

Cameras	8MP, standard	8MP, standard
Video	1080p@30fps	1080p@30fps
HDR	Yes	No
Pop-up camera	No	No

Sound

3

3.5mm jack	Yes	Yes

Stereo speakers	No	No
Loudspeaker	Yes	Yes

Sensors

7

Fingerprint	rear-mounted	rear-mounted
Gyroscope	No	No
Compass	Yes	No
Barometer	No	No
Heart rate	No	No
Accelerometer	Yes	Yes
Proximity	Yes	Yes

Connectivity

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Wi-Fi	802.11b (1–11 Mbit/s) Wi-Fi 4 (802.11n) (72–600 Mbit/s) 802.11g (6–54 Mbit/s)	802.11b (1–11 Mbit/s) 802.11g (6–54 Mbit/s) Wi-Fi 4 (802.11n) (72–600 Mbit/s)
Bluetooth	Bluetooth 4.2	Bluetooth 5.0
USB	USB microUSB 2.0, USB On-The-Go	USB Type-C 2.0
GPS	Yes	Yes
NFC	No	Yes
Infrared port	Yes	No
FM radio	Yes	Yes

Battery

5

Capacity	4000 mAh	5000 mAh
Type	Li-Po	Li-ion
Charging power	10 W	–
Removable	No	No
Wireless charging	No	No

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https://technofam.com/compare/redmi-7-vs-hardcase-h620s