PHONE COMPARISON

2 devices

ALCATEL • 2020

alcatel 3L (2020)

SAMSUNG • 2021

Samsung Galaxy A03

Rows marked on the left differ between the devices.

Launch

3

Announced	1 Jan 2020	26 Nov 2021
Released	1 May 2020	21 Jan 2022
Status	Available	Available

Network

4

2G bands	E-GSM-900, T-GSM-900, P-GSM-900, R-GSM-900, DCS-1800, GSM-850	DCS-1800, R-GSM-900, P-GSM-900, E-GSM-900, GSM-850, T-GSM-900
3G bands	B26 (850 MHz), B2 (1900 MHz), B25 (1900 MHz), B5 (850 MHz), B8 (900 MHz)	B8 (900 MHz), B5 (850 MHz), B26 (850 MHz)
4G bands	B28 (700 MHz), B7 (2600 MHz), B38 (2600 MHz), B8 (900 MHz), B20 (800 MHz), B40 (2300 MHz), B3 (1800 MHz), B5 (850 MHz), +1 more	B1 (2100 MHz), B7 (2600 MHz), B5 (850 MHz), B20 (800 MHz), B3 (1800 MHz), B8 (900 MHz), B41 (2500 MHz), B28 (700 MHz), +2 more
SIM	Hybrid Dual SIM (Nano-SIM)	Dual SIM (Nano-SIM) Single SIM (Nano-SIM)

Body

8

Height	158.7 mm	164.2 mm
Width	74.6 mm	75.9 mm
Thickness	8.5 mm	9.1 mm
Weight	165 g	196 g
Colors	Dark Chrome, Chameleon Blue, Agate Green	Blue, Red, Black
Back material	Plastic	Plastic
Frame material	Plastic	Plastic
QWERTY keyboard	No	No

Platform

		2
OS	Android 10	Android 11
Chipset	Helio P22T (12 nm)	–

Memory

		3
Memory	4GB RAM, 64GB	3GB RAM, 32GB 4GB RAM, 32GB 4GB RAM, 64GB 4GB RAM, 128GB
Card slot	microSDXC	microSDXC
Dedicated card slot	No	Yes

Display

		8
Size	6.22"	6.5"
Resolution width	720 px	720 px
Resolution height	1520 px	1600 px
Pixel density	270 ppi	270 ppi
High refresh rate	No	No
Display area	96.6 cm²	102 cm²
Screen-to-body ratio	81.6%	81.8%
Technology	IPS LCD	PLS TFT

Main camera

		5
Flash	LED	LED
Video	1080p@30fps	1080p@30fps
HDR	Yes	No
Panorama	Yes	No
Cameras	–	48MP, f/1.7, wide 2MP, depth

Selfie camera

		4
Cameras	8MP, f/1.7, wide	5MP, f/2, standard, AF
Video	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	—
Gyroscope	No	No
Compass	Yes	No
Barometer	No	No
Heart rate	No	No
Accelerometer	Yes	Yes
Proximity	Yes	Yes

Connectivity

7

Wi-Fi	802.11g (6–54 Mbit/s) 802.11b (1–11 Mbit/s) Wi-Fi 4 (802.11n) (72–600 Mbit/s)	802.11g (6–54 Mbit/s) Wi-Fi 6E (802.11ax) (600–9608 Mbit/s) Wi-Fi 4 (802.11n) (72–600 Mbit/s) 802.11a (6–54 Mbit/s) Wi-Fi 6 (802.11ax) (600–9608 Mbit/s) 802.11b (1–11 Mbit/s) Wi-Fi 5 (802.11ac) (433–6933 Mbit/s)
Bluetooth	Bluetooth 5.0	Bluetooth 5.0
USB	USB microUSB 2.0	USB microUSB 2.0
GPS	Yes	Yes
NFC	No	No
Infrared port	No	No
FM radio	Yes	Yes

Battery

5

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

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https://technofam.com/compare?devices=3l-2020,galaxy-a03