

vivo V50

Co-engineered with 

ZEISS Portrait So Pro



ZEISS Multifocal Portrait



Aura Light Portrait 2.0



90W FlashCharge &
6000 mAh BlueVolt Battery



Satin Black



EAN Barcode
6935117897059

Mist Purple



EAN Barcode
6935117897646



CAMERA

Front CAMERA

Megapixels	50MP
Aperture	f/2.0
Zoom	x2 Digital
Scene Mode	Photo, Portrait, Night, Video, Micro Movie, High resolution, Dual View, Live Photo
Intelligent HDR	Supported
Optimum Shooting Distance	15 cm to infinity

DISPLAY

Screen	6.77" (17.19cm)
Resolution	2392 x 1080
Pixels per Inch (ppi)	387 ppi
Aspect Ratio	19.9:9
Screen-to-body Ratio	92.6%
Refresh Rate	Up to 120 Hz
Type	AMOLED
Touch Screen	Capacitive multi-touch

REAR CAMERA

Main Camera

Megapixels	50MP
Aperture	f/1.88
Scene Mode	Photo, Portrait, Night, Video, Micro Movie, High resolution, Pano, Ultra HD Document, Slo-mo, Time-lapse, Supermoon, Astro, Pro, Snapshot, Food, Dual View, Live Photo

Rear Wide-angle Camera

Megapixels	50MP
Aperture	f/2.0
Scene Mode	Photo, Night, Video, Time-lapse, Pro, High resolution, Ultra HD Document
Optimum Shooting Distance	3.5 cm to infinity



Google Play is a trademark of Google LLC.

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Satin Black Length:163.29 mm; Width:76.72 mm; Height:7.39 mm

PROCESSOR

Type	Snapdragon® 7 Gen3
CPU Clock	2.63GHz*1+2.4GHz*3+
Speed	1.8GHz*4

CONNECTION

Wi-Fi	2.4 GHz/5 GHz
Bluetooth	Bluetooth 5.4
NFC	Supported
Note: Reader/writer mode, card emulation mode supported (payment by SIM card* or HCE)	

*The SIM card used for SIM card payment can only be inserted into the SIM 1 card slot

USB	USB 2.0
USB Functions	USB-OTG;USB reverse charging

BATTERY

Capacity	6000mAh
Charging Technology	
Charging Type	90W FlashCharge
Wireless Charging	Not supported

SENSORS

Sensor	Accelerometer/Ambient Light Sensor/E-compass/Proximity Sensor/Physical Gyroscope/In-display Optical Fingerprint sensor/Ordinary Motor
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MEMORY

Internal

RAM	12GB
Storage	512GB
Expandable	12GB
RAM Capacity	

External

Extendable up to	Not supported
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Operating System	Funtouch OS_15
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CARD SLOT

Card Slot 1	
Available	Nano SIM
Card Slot 2	
Available	Nano SIM

NETWORK

5G	n1/n2/n3/n5/n7/n8/n20/n26/n28/n66/n75/n38/n40/n41/n77/n78
4G FDD_LTE	B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/B25/B26/B28/B32/B66
4G TD_LTE	B38/B39/B40/B41/B42
3G WCDMA	B1/B2/B4/B5/B6/B8

2G GSM	850/900/1800/1900 MHz
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AUDIO

Audio Playback	AAC、WAV、MP3、MIDI、VORBIS、APE、FLAC
Voice Recording	Supported
Hi-Fi	Not supported
Earphone Port	Type-C

SAR

Head (W/KG)	0.99
Body (W/KG)	1.19
Limbs (W/KG)	2.97

OPERATING SYSTEM

Android Version	Android 15
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SCOPE OF PACKAGING

Smartphone	Yes
Headset	No
Charger	No
USB Cable	Yes
Protective Film (applied)	Yes
Eject Tool	Yes
Quick Start Guide	Yes
Warranty Card	Yes
Phone Case	Supported

DEVICE

Weight	189g Black;199g Purple
Network	V2427
Registration Model	
IP	IP68;IP69
Color Name	Satin Black, Mist Purple
EAN Barcode	6935117897059 (black) 6935117897646 (purple)

PACKAGING

Length	184mm
Width	94mm
Height	34.5mm
Weight	380g±10g

- 1 Actual available RAM/ROM is less due to the storage of operating system and pre-installed apps.
- 2 Actual dimensions and weight may vary due to variations in processes, measurement methods, material supplies, and production batches.
- 3 Measured diagonally, the screen size is 6.77 inches in the full rectangle. Actual display area is slightly smaller.
- 4 Actual network functionality is subject to carrier network availability, applicable laws and regulations, infrastructure support, and software version of the mobile phone.
- 5 Extended RAM is realized by software.
- 6 Pixel value may vary in different camera modes and is subject to actual usage.
- 7 The information and services contained in this website may not be fully available in all countries/regions. Availability of product features and specifications may vary by country or region. Please refer to your local market for information.
- 8 This product has been tested under controlled laboratory conditions and is rated as IP68 and IP69 under IEC 60529 (International) and GB/T 4208-2017 (China). IP68 water resistance test conditions: Submerged in static fresh water up to 1.5 meters for up to 30 minutes, with a temperature difference between the water and the device of less than 5°C. The product rated as IP69 is dust-tight and water-resistant and offers protection against close-range high-pressure, high-temperature spray downs. This product is not a professional waterproof phone. The resistance to splashes, water, and dust is not permanent and may be reduced due to daily use. Do not immerse the phone in water during daily use or expose it to solutions such as seawater or other liquids such as beverages. Do not charge the phone when it is wet; instead, clean and dry it immediately. Damage caused by liquid ingress is not covered by the warranty.