

realme 6



Processor

MediaTek Helio G90T
CPU : Octa-core, Up to 2.05GHz
GPU : ARM G76
AI : Up to 1TMACs AI Performance

Storage & RAM

8GB + 128GB
Largest available for realme 6
RAM : 4GB/8GB LPDDR4x dual-channel
ROM : 64GB/128GB UFS 2.1

Display

90Hz Ultra Smooth Display
16.5cm (6.5") Fullscreen

Resolution : 2400x1080 FHD+
Screen-to-body ratio : 90.5%
Corning Gorilla Glass

Charging & Battery

30W Flash Charge
4300mAh (typ)
Includes an 5V/6A charger & cable
USB Type-C port

Camera

64MP AI Quad Camera
119° Ultra Wide-angle Lens

Rear Camera

64MP Ultra high-resolution wide-angle camera
FOV 78.6°, f/1.8, 6P lens
Samsung GW1, 1/1.7"
8MP Ultra wide-angle lens
FOV 119°, f/2.3, 5P lens
B&W Portrait lens
f/2.4, 3P lens
2MP Macro lens
4cm focus, f/2.4, 3P lens
Photography function
Ultra 64MP Mode, Super NightScape, Panoramic view,
Expert mode, Timelapse, Portrait mode, HDR,
Ultra wide mode, Ultra macro mode, AI scene recognition, AI
Beauty, Filter, Chroma Boost, Slow Motion, Bokeh Effect
Control.
Video recording
Support UIS Video Stabilization
Support UIS Max Video Stabilization*
Support 4K/30fps video recording
Support 1080P/30fps, 60fps video recording
Support 720P/30fps, 60fps video recording

In-display Selfie

16MP Primary camera
FOV 79.3°, f/2.0, 5P lens

Photography function

Portrait Mode, Timelapse, Panoramic view, AI Beauty, HDR,
Face-Recognition, Filter, Bokeh Effect Control

Video recording

Support 120fps Slo-mo*
Support 1080P/30fps video recording
Support 720P/30fps video recording

Cellular & Wireless

3-Card Slot
2 SIM Slot + 1 MicroSD Slot
Frequency band
FDD-LTE: Bands 1/2/3/4/5/7/8/20/28

TD-LTE: Bands 38/40/41 (2535-2655MHz)
WCDMA: Bands 1/2/4/5/8
GSM: 850/900/1800/1900
Wireless network
2.4G : 802.11b/g/n
5.1/5.8GHz :
802.11a/n/ac

Navigation

Precise Navigation
GPS /AGPS / Glonass / Beidou

Size & Weight

Height: 162.1mm
Width: 74.8mm
Depth: 8.9mm*
Weight≈191g

* Data provided by realme Laboratories. Due to different measurement methods, the actual data may have a reasonable tolerance range.

Buttons & Ports

3-Card Slot
USB Type-C
Power button/Fingerprint
Speaker
Microphone 1
Volume up/down
3.5mm headphone jack

Sensors

Magnetic induction sensor / Light sensor / Proximity sensor /
Gyro-meter / Acceleration sensor

Operating System

realme UI
Based on Android 10

Packing List

realme 6
30W Flash Charger
USB Type-C Cable
Protect Case
Protect Film
SIM Card Tool
Important Info Booklet with Warranty Card

SAR

Head : 0,709 W/Kg
Body : 0,571 W/Kg

EAN

Color	Storage & RAM	EAN
COMET WHITE	8 / 128	6941399012066
COMET BLUE	8 / 128	6941399012059
COMET WHITE	4 / 128	6941399012042
COMET BLUE	4 / 128	6941399012035
COMET WHITE	4 / 64	6941399012028
COMET BLUE	4 / 64	6941399012011