

realme

realme GT 6

Power Meets AI

Chipset

Qualcomm Snapdragon® 8s Gen 3
Geek Power Tuning
3D tempered dual VC

Battery

Battery capacity: 5500mAh
Charging speed: 120W SUPERVOOC

Photography

Sony LYT-808 OIS Camera
50MP Telephoto Lens
112° Ultra-wide Camera
AI Night Vision Mode

Weight & thickness

Thickness: 162mm×75.1mm×8.6mm
Weight: 199g

Sound system

Hi-Res Dual Speakers



Display

Size: 6.78 inches
Material: AMOLED
Resolution: FHD+ 2780*1264 (1.5K)
Adaptive Refresh Rate: 1-120Hz
Brightness: 1000nits TYP, 1600nits HBM,
6000nits Local Peak
Supports Sunlight Display
Supports Dolby Vision
In-display Fingerprint

RAM&ROM:

8GB+256GB | 12GB+256GB | 16GB+512GB

360° NFC*
realme UI 5.0
based on Android 14



Fluid Silver



Nano Mirror Design

The first Nano-mirror back cover in the industry.



**High-Grade Stainless Steel
Lens Module**



Nano Mirror Glass



Misty AG process

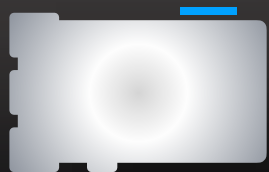
Peak Performance



Top Chipset



Unleash Ultimate Performance



Extreme Heat Dissipation



Full-level Charging

The strongest chip in the price segment

Snapdragon® 8s Gen 3 Chipset

Triple Structure

3.0GHz Cortex-X4 Core × 1

2.8GHz A720 Core × 4

2.0GHz A520 Core × 3

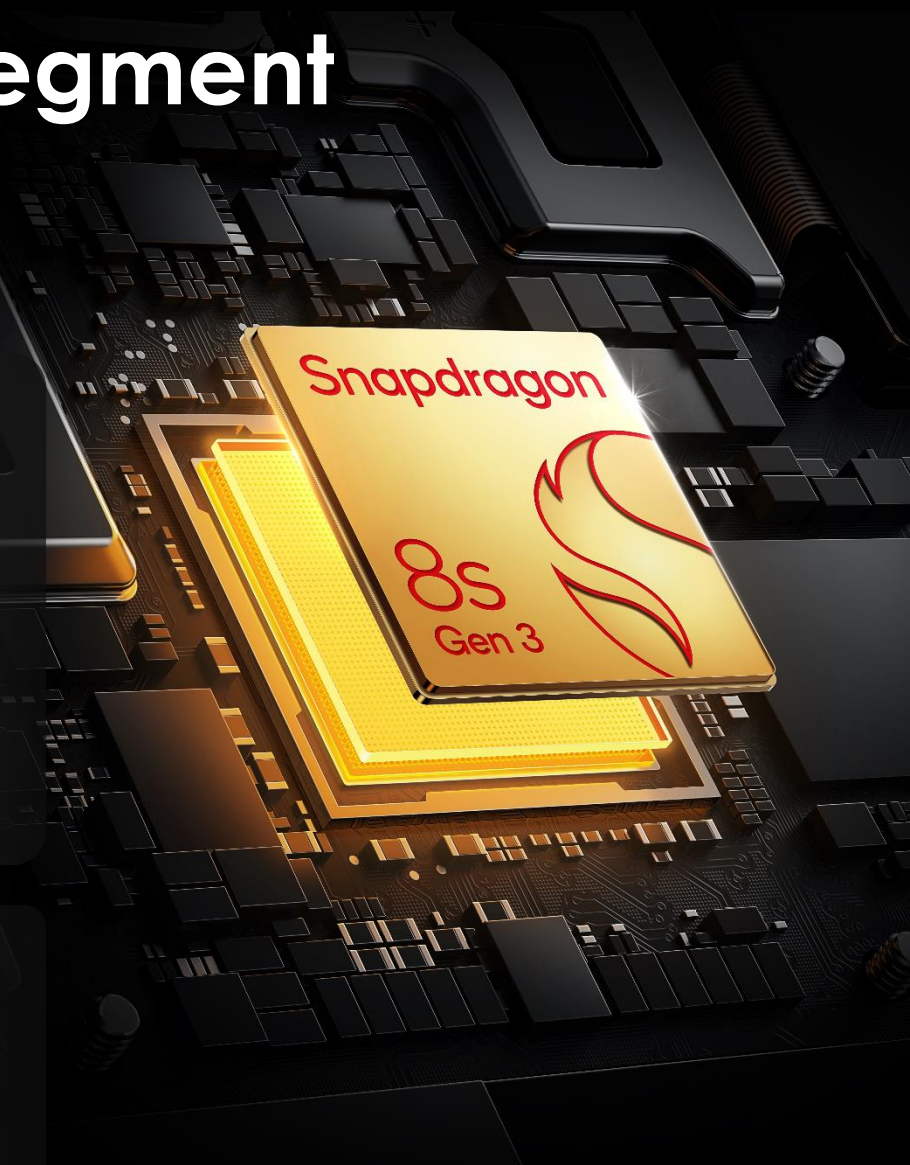
Advanced Process

TSMC **4nm**

Highest AnTuTu Score

1,650,000+

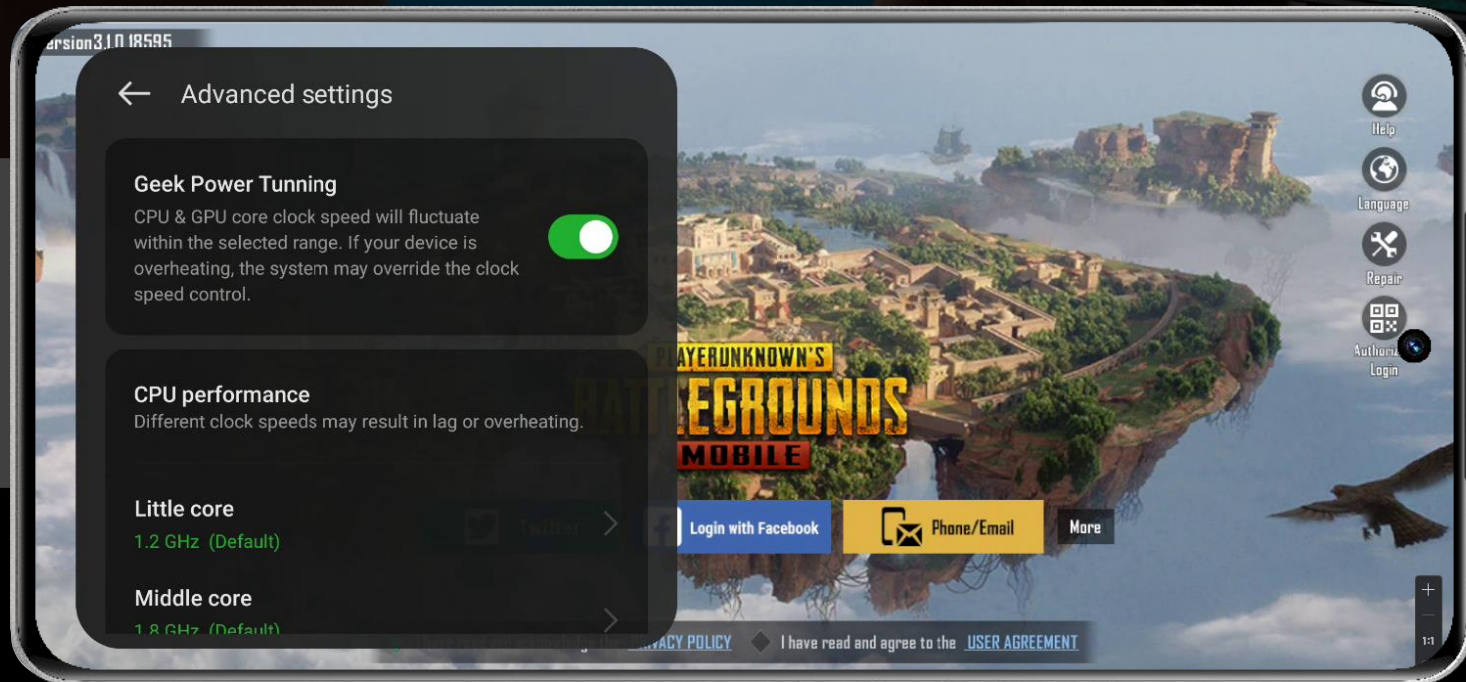
ANTUTU score



Geek Power Tuning

The performance that users can freely schedule is the “true” ultimate performance.
You can have your own way to unleash the peak performance of GT 6 Snapdragon® 8s Gen 3.

More Power
Saving



Better Picture
Rendering

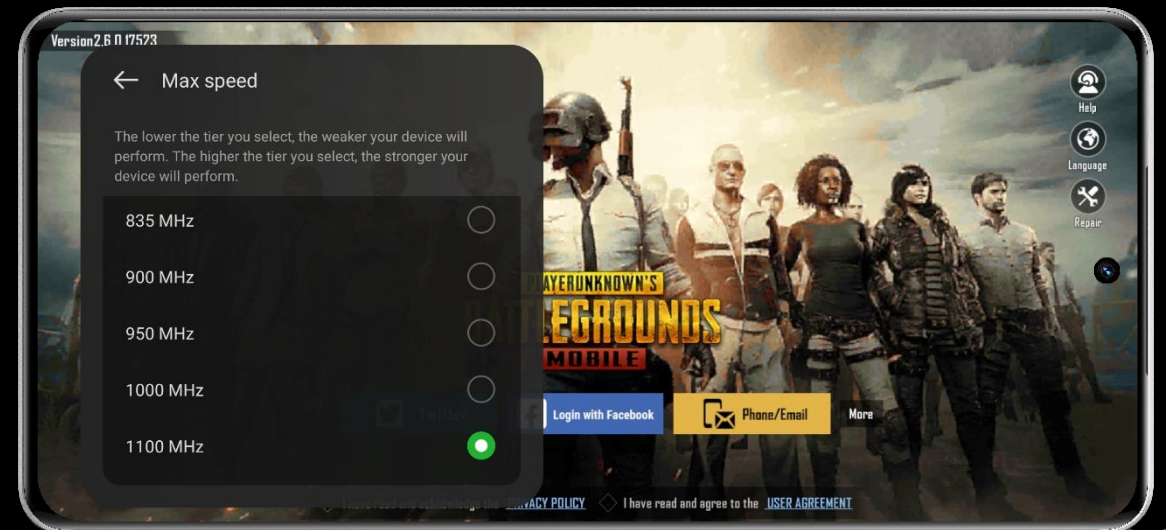
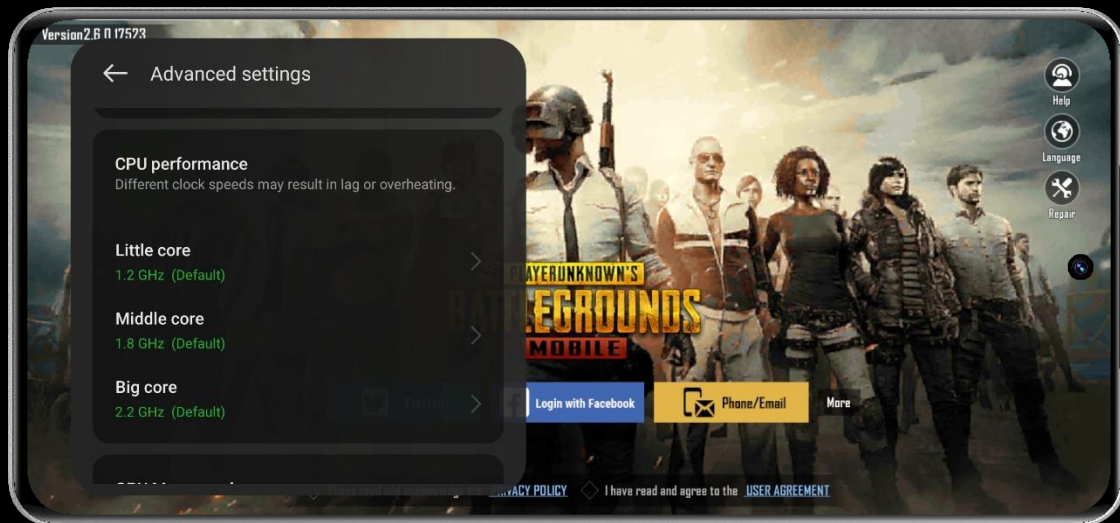
Geek Power Tuning

CPU Customize

CPU max unleash can be reached up to **3.0 GHz**.
The performance can be unleashed completely base on your demand.

GPU Customize

GPU max full **1100 MHz**
Greatly improved image rendering capabilities.





Iceberg Vapor Cooling System

Heat Dissipation Area

Heat Dissipation Structure

Heat Dissipation Materials



9-layer Cooling System

Cover the core heat source, significantly enhanced cooling efficiency, plus a glass back cover for lower temperature and reduced heat perception, bringing an unprecedented cool experience.

9-layer

Heat Dissipation Structure

36361 mm²

Heat Dissipation Area

20 °C

Temperature
lowered

realme GT 6

**The most powerful charging
solution in the price segment**

120W SUPERVOOC Charge

Fastest charging in the price segment

5500mAh Massive Battery

The longest battery life in the price segment



Fast charging: 120W SUPERVOOC Charge

Fastest charging in the price segment



3 mins
0-18%

The time of a song is charged to 18%



10 mins
0-50%

In one breakfast time, it is charged to 50%

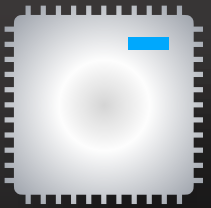


26 mins
0-100%

A handful of PUBG time, full of 100%



Peak Performance



Top chipset

Snapdragon® 8s Gen 3 Chipset

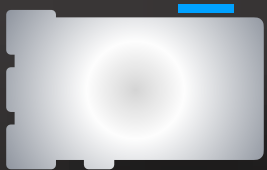
- Same Structure as 8 Gen 3 Chipset
- Same Advanced TSMC 4nm as 8 Gen 3 Chipset
- Highest ANTUTU Score 1,650,000



Geek Power Tuning

- Customize CPU and GPU base on your demand

Unleash Ultimate Performance



Extreme Heat
Dissipation

Iceberg Vapor Cooling System: 3D tempered dual VC

- Industry's largest integrated dual VC heat dissipation: 10014mm²
- Advanced heat dissipation structure: double-layer three-dimensional heat dissipation structure.
- Side Full Partition Cooling Design
- 9-layer cooling system



Full-level
Charging

120W SUPERVOOC Charge & 5500mAh Massive Battery

- Fast: The fastest charging in the price segment
- Long-lasting: The longest battery life in the largest price segment / long-life version of the battery
- safety: Security Multiple protections



NEXT Ai[★]

Quickly bring innovative, intelligent, and convenient AI experiences to young people around the world.

Schedule List



Smart Assistants

- Multimodal natural dialogue
- Personal assistant
- Machine efficiency
- game assistance

Efficient and Convenient

- Summary generation
- Article generation
- Multimodal interactions
- Intent Recognition

Image Creation

- Image generation
- Video creation
- Picture quality enhancement
- Lens simulation

Personality Expression

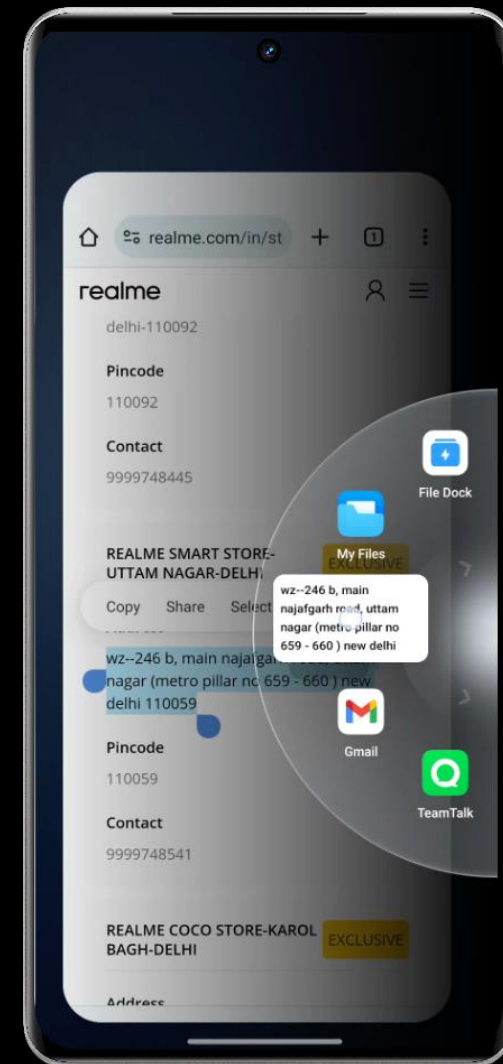
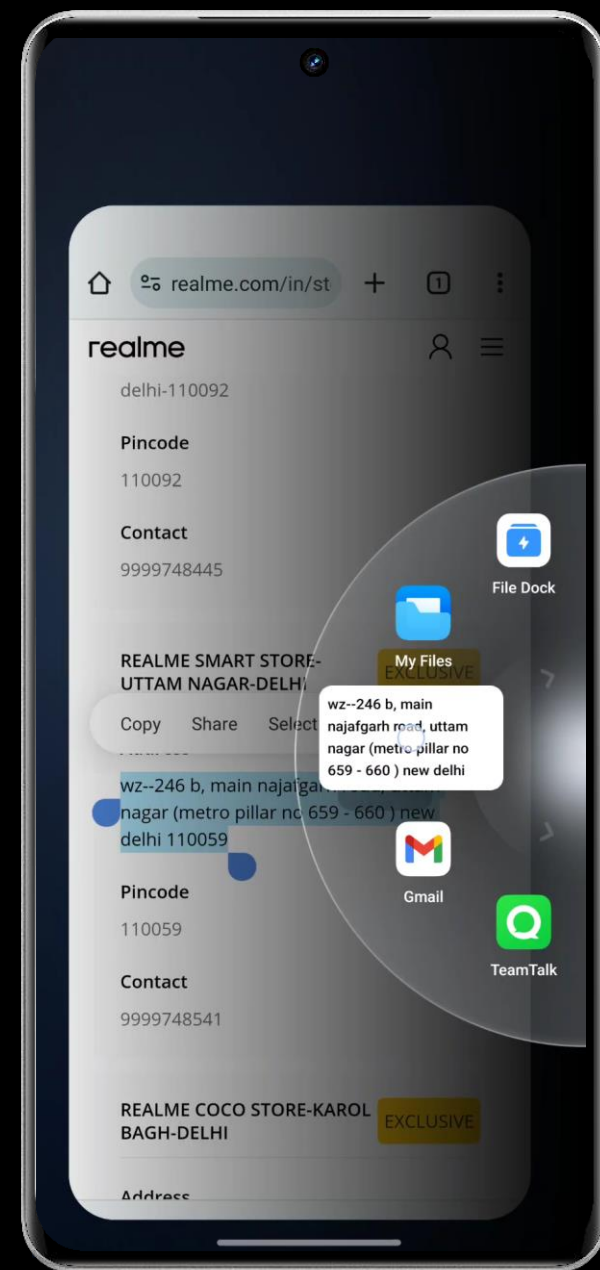
- Style transfer
- Personalized videos
- Personality themes
- Preference learning

AI Smart Loop

Recognize screen content, anticipate user intent, and make precise recommendations for next the next step. One Touch Delivery massively reduces smartphone operation steps, we can call it one-click direct access.



**One-click
Direct Access.
Reduce Steps.**

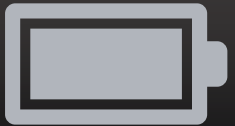


The Strongest Screen



Brightest: 6000nit

The brightest screen in the world
SGS A-Grade sunlight-Readable display



8T LTPO, the Most Power-efficient

Industry-leading 8T LTPO screen



The Best AI Eye Protection

AI Eye-protection
TÜV Intelligent 3.0 certification
SGS AI Eye-Protection Display



6000nit Ultra Bright Display

The brightest screen in the world SGS A-Grade Sunlight-Readable Display



1600nits

HBM

1000nits

TYP



realme GT 6

Industry-leading 8T LTPO 1-120Hz screen

Low functionality compared
to typical LTPS screens

20%

=

+300 mAh

Battery Life

*Compared to LTPS



8T LTPO Flagship screen

- ✓ Commonly found in high-end flagships
- ✓ Stepless adaptive framing
- ✓ Lower power consumption
- ✓ Smoother touch

LTPS Normal screen

Commonly found in low-to-mid-range models

Fixed gear switching

High power consumption

Touch insensitivity

realme GT 6

TÜV Intelligent 3.0 certification
SGS AI Eye Protection Screen certification



6000nit Ultra Bright Display

A grand slam of eye
care technology



Obtained from the German Rheinland
TÜV Intelligent 3.0 certification

2160Hz PWM

Dimming High Frequency PWM Dimming

DC Dimming

Low-strobe Dimming

Bedtime Mode

Melatonin protection

Ambient Color
Adaptation

Display

Paper-like Eye
Protection

Display

Eye protection in different brightness environments

70 nits or less

Low-light environments

2160Hz PWM Dimming

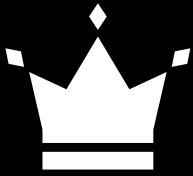


70 nits or more

In bright environments

DC Dimming

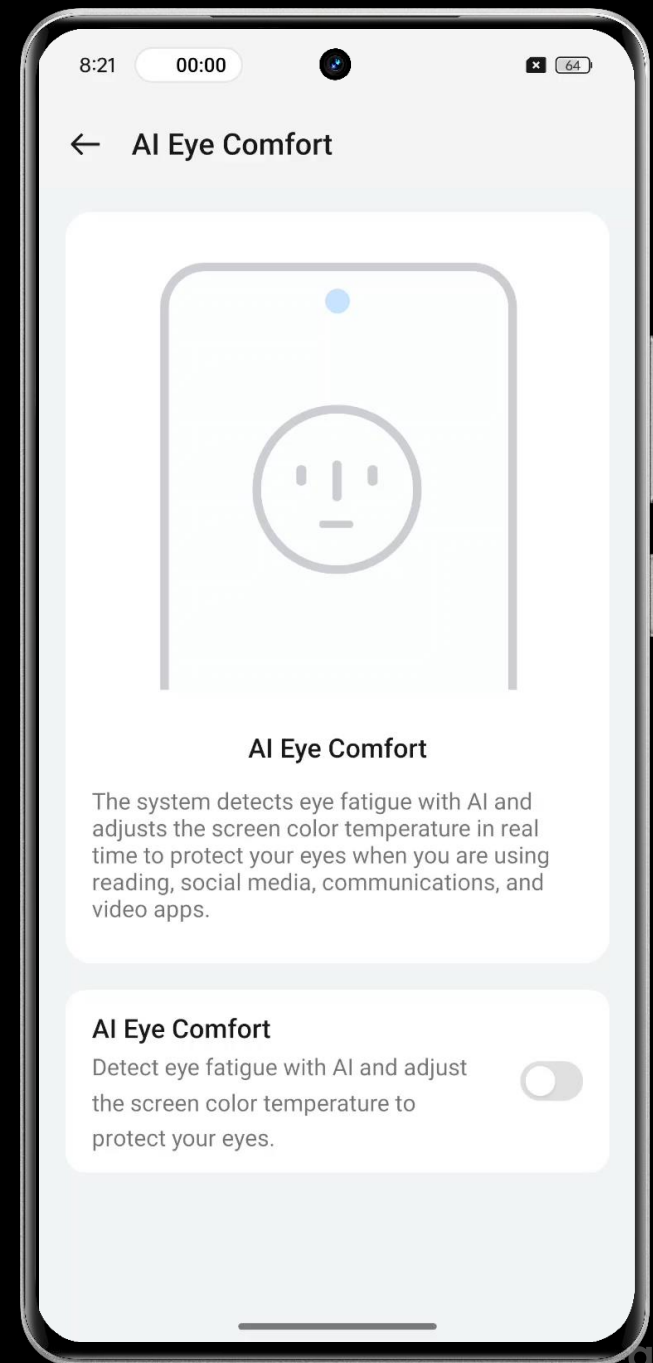
AI Eye-Protection



The industry's first AI eye care



SGS AI Eye Protection Screen certification



IP65

Dust & Water Resistance

This level is typically used in everyday applications where the device needs to be protected against dust and light water splashes.

Rainy day use

Splash scenarios

Dust scenarios

Rainwater Smart Touch

Perfect solution to wet hand touch problem

Wet Hand
Unlocking

Wet hand typing

Answer
the phone
with wet
hands

Slide with
wet hands

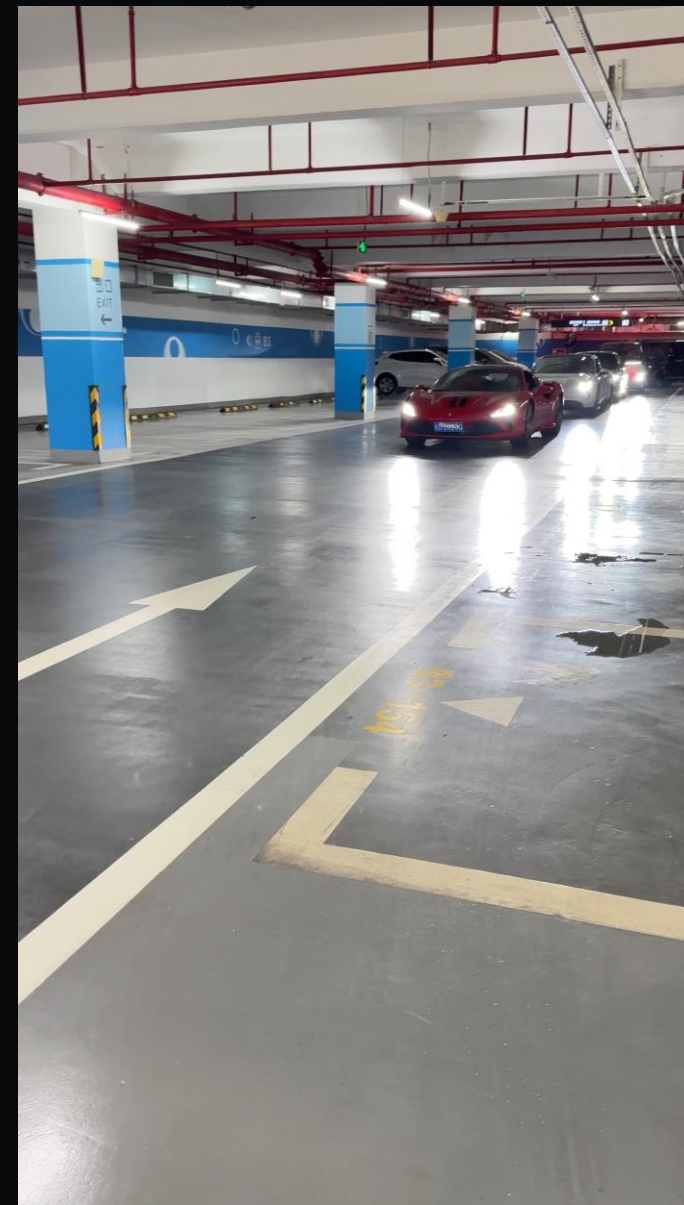


Corning Gorilla® Glass Victus 2

GT 6 equipped with durable Gorilla® Glass Victus ® 2, ensuring exceptional durability and reliability, let you easily handle scratch and wait-high drop.



**Video comes from realme lab*



realme Training



- **Size:** 6.78 inches
- **Material:** AMOLED
- **Glass Material:** GGV2 3D
- **Resolution:** FHD+ 2780*1264 (1.5K)
- **Adaptive Refresh Rate:** 1-120Hz
- **Screen-to-Body Ratio:** 94.20%
- **Touch Sampling Rate:** 360Hz
- **Contrast Ratio:** 5000000:1
- **Brightness:** 1000nits TYP, 1600nits HBM, 6000nits Local Peak
- **Pixel Density:** 450PPI
- **Screen Colors:** 1.07 billion colors, 10bit
- **Color Saturation:** DCI-P3 99% (Min), 100% (Typ)
- **Supports Sunlight Display**
- **Supports Dolby Vision**

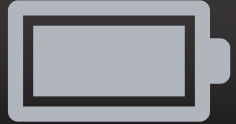
The Strongest Screen



Brightest: 6000nit

The brightest screen in the world
SGS A-Grade Sunlight-Readable Display
The screen is more transparent, more vividly and more clearer.

Dolby
VISION



8T LTPO, the Most Power-efficient

Industry-leading 8T LTPO 1-120Hz screen
Standard technology for high-end flagships
It consumes 20% less power than ordinary screens



The most eye-friendly: AI Eye-Protection

TÜV Intelligent 3.0 certification 2160Hz PWM Dimming DC Dimming
SGS AI Eye-Protection Display AI Gaming Eye Protection Paper-like eye protection



Other

IP65 Dust & Water Resistance

Rainwater Smart Touch



Flagship Image System

Sony LYT-808 OIS Camera

SONY 50MP
1/1.4" Large Sensor
f/1.69 Aperture
22.86mm equivalent focal length
Supports **OIS**
Supports **all-pixel omni-directional focusing**

50MP Telephoto Lens

Samsung S5KJN5 50MP Telephoto Lens
1/2.8" Large Sensor
0.64um
f/2.0

112° Ultra-wide Camera

SONY 8MP
1/4" Sensor
15.91mm equivalent focal length
f/2.2 Aperture

realme GT6 All Cameras are Excellent!

The Strongest Night Shot

realme GT 6 has the strongest night shot in its price range



The strongest main camera in the price segment

Sony LYT-808 OIS Camera



First launched AI Night Vision Mode

Industry's first AI Night Vision Mode
Super NightScape



realme GT 6 equipped with

Sony LYT-808 OIS Camera

The strongest main camera in its price segment

The latest generation of flagship sensors

The most powerful flagship sensor second only to Sony by one inch.

50MP

Resolution

1/1.4

Sensor Size

1.12μm

Max pixel size

f/1.69

Aperture



Same as competitor 12

₹64,999+



More advanced than competitor A

The IMX707 is an old lens from 3 years ago

Superior Imaging Quality

Powerful Video Capabilities

1/1.4"
Photosensitive area

4K Dolby Vision video capture

All-pixel omnidirectional focus

8K Ultra HD video capture



SuperOIS

A Built-in Invisible Tripod of realme GT 6

- **Reduce** blur
- **Reduce** shake
- **Dramatically improve** the video shooting stability
- **Improve** the success rate of capturing



Clearer
More stable





Sony LYT-808 50MP OIS Camera

Recording your very moment with details and clear, gives you the super imaging quality like no other in this price range.



Super NightScape Mode

To own a realme GT 6 is to have a "Night Vision Device"! What you shoot is "Beyond" what you see.



realme GT 6 equipped with

Industry's first AI Night Vision Mode

No matter how dark the environment is, GT 6 can take a clear video and you can see so many details in the video.

HyperTone Image Engine

AI Perception Ability

Image Quality
Enhancement Engine

Computational Lighting
and Shadows

NightEye Engine

HDR synthesis and
noise reduction

Night Scene
Signal-to-Noise
Ratio **26.5%**



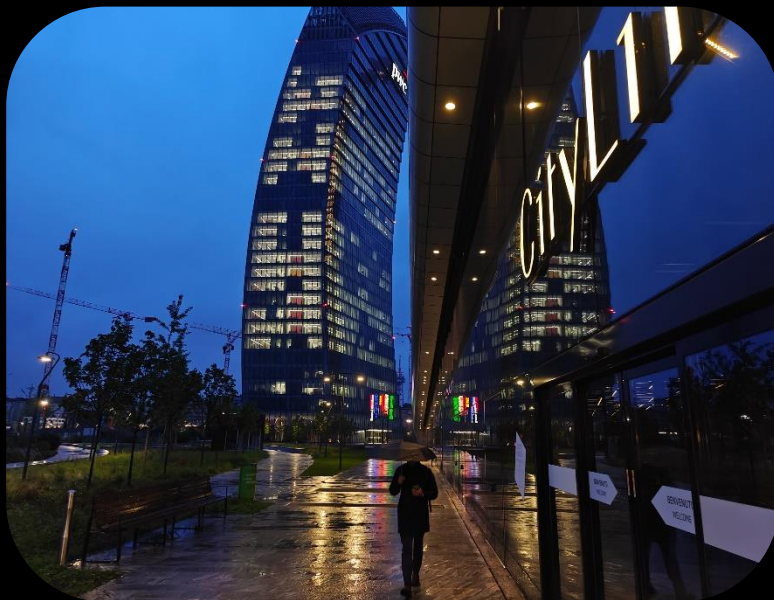
AI night Vision Mode



GT 6



Competitor A
realme Training



X1



X2



X4

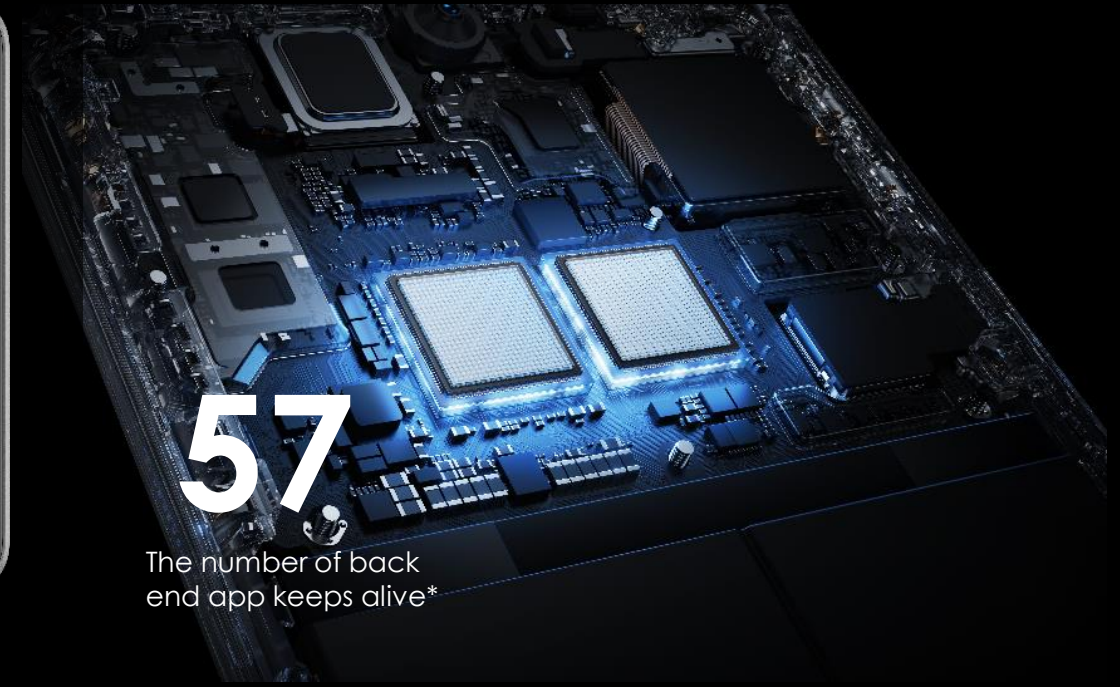
Massive Storage

Up to **512GB** Large Storage



1,900 250MB 720P Videos
11,900+ 4MB Photos
11,900 4MB Songs

Up to **16GB+12GB** RAM



57

The number of back end app keeps alive*

You can get the advantage of faster storage, lower power consumption and more energy-efficient operation, which is useful when running huge games, or recording 4K videos.

Dual Stereo Speakers

Immersive Experience
In music, movies, games playing

Certified with Hi Res , you can feel the incredible and immersive sound quality whether watching movies or listening to music.



Tactile Engine Pro

Delicate Response Experience
In each single tap while using

realme GT 6 is equipped with an x-axis linear motor can better simulate the feel of physical buttons and improve the human-computer interaction experience, including typing, gaming...



360° NFC*

All-around Convenience
Experience
Standby in daily life

With NFC, your phone can pay for things, check in hotels from now on, you only need to take your realme GT 6 with you when you go out.



*NFC is not available for some regions.

Intelligent Infrared Remote Control

Help you control everything, and
grasp everything as soon as
possible

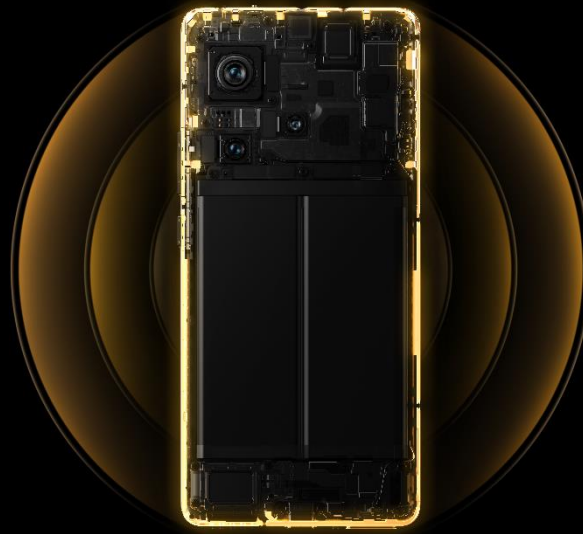
*realme GT 6 allows you to easily control your
home appliances and no longer need to look
for a remote control everywhere*



Antenna Array Matrix System

Never miss an important call
or message again

*With Antenna Array Matrix System, the signal is
strong and stable, don't be afraid of no signal
in parking and elevator anymore*



realme UI 5.0

The latest system, convenient
and efficient

Equipped with UI5.0 based on Android 14, it is
convenient and efficient



realme ui 5.0