

OnePlus 5^T

Reviewer's Guide



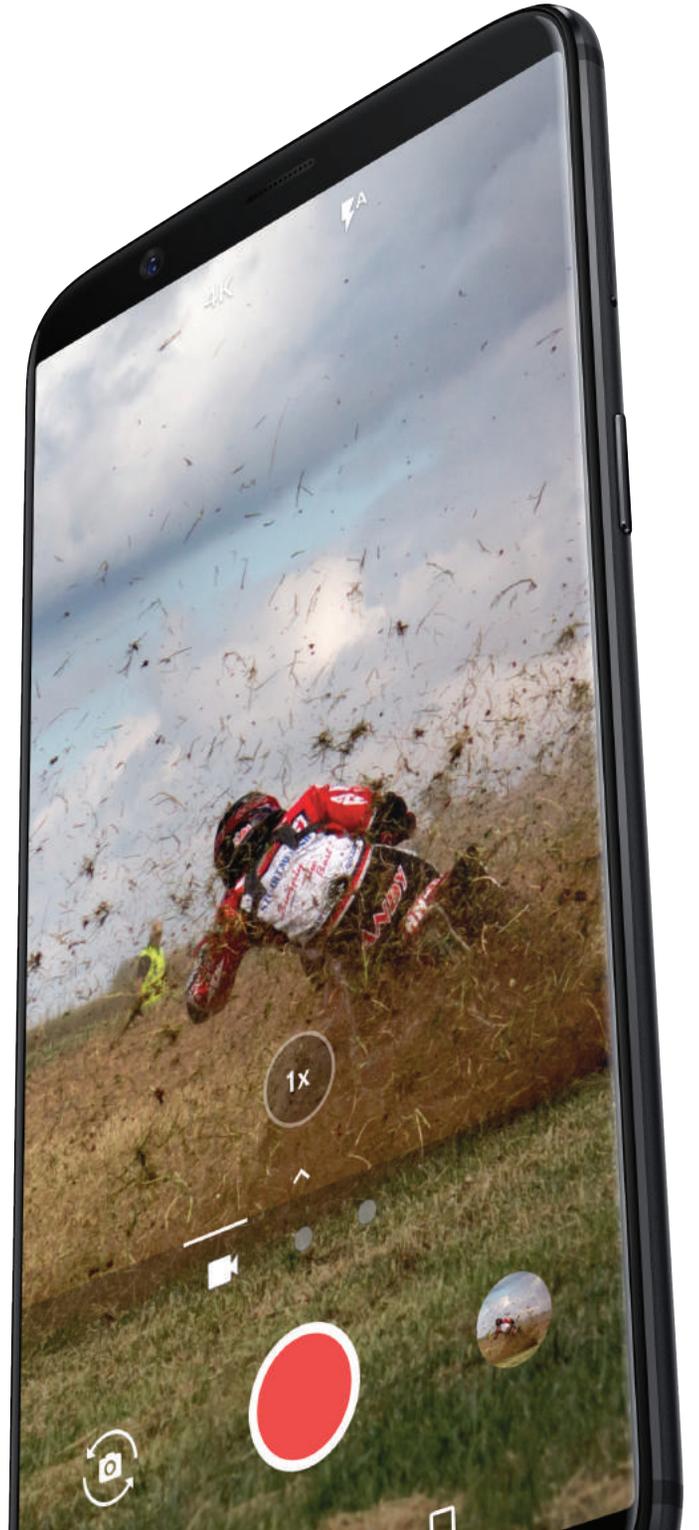
Meet the OnePlus 5T

At OnePlus, we are constantly working to improve the user experience. We strive to continuously improve our products with every generation. Because OnePlus users are some of the most discerning and tech-savvy in the world, we wanted to deliver these key improvements through an upgraded device to provide the best user experience today.

We have added features, engineered optimizations and made strides in hardware that could not be delivered via software updates - all based on feedback from our community, and our own sense of what we felt would make the phone better overall. This approach has guided the development and refinement of our most complete and competitive product ever – the OnePlus 5T.

With the OnePlus 5T, you get:

- 6.01" Full Optic AMOLED Display with an 18:9 Aspect Ratio
- High resolution dual camera system, with a 16 MP main camera supported by a 20 MP secondary camera for enhanced low-light performance and beautiful portraits
- Advanced Facial Recognition
- Dash Charge, which gives you a day's power in half an hour
- Rear mounted ceramic fingerprint sensor that unlocks your phone in under 0.2 seconds
- Octa-core Qualcomm® Snapdragon™ 835 processor (up to 2.45 GHz)
- Up to 8 GB of RAM and 128 GB of Storage
- A refined Android experience with OxygenOS 4.7
- OnePlus' unique Alert Slider, which allows you to effortlessly switch between three notification profiles: Silent, Do Not Disturb and Ring





Design

The seamless aluminum unibody of the OnePlus 5T is both functionally and visually slim, creating a phone that is not only comfortable to hold but exceedingly durable. Designed with a painstaking attention to detail, the OnePlus 5T continues OnePlus design's proud tradition of refinement and total cohesion.

Rounded corners and edges are balanced against sharp lines to create a sleek appearance and comfortable grip. The Horizon Line, a hallmark of OnePlus flagship devices, divides the body of the OnePlus 5T with a continuous hard line around the edge of the phone.

Three dark coatings, 14 microns thick, were carefully applied to the OnePlus 5T to achieve its Midnight Black color. Each OnePlus 5T undergoes two sandblasting treatments with various sizes of metal sand to bring out a bright, subtle luster. To finish each device, an anti-fingerprint layer is applied in order to keep the device looking as pristine as the day the phone came out of the box.

Display

The OnePlus 5T marks the introduction of the Full Optic AMOLED Display with an 18:9 aspect ratio, to deliver a more immersive viewing experience, all while keeping a form factor similar to that of the OnePlus 5, thanks to the OnePlus 5T's 80.5% screen to body ratio.

To ensure the OnePlus 5T's seamless front design, we moved our famously speedy ceramic fingerprint sensor, which unlocks the phone in under 0.2 seconds, to the back of the device. The result is an incredibly clean and crisp front display.

In addition to enhancing the visual appearance of the device, the larger display improves the way you interact with your phone on a daily basis.

Sunlight Display

Thanks to a built-in software algorithm, the OnePlus 5T's Full Optic AMOLED Display features a new Sunlight Display that adapts automatically to harsh light to facilitate a great viewing experience.

Parameters like the screen contrast automatically adjust to keep your display clear in four common use scenarios: when you access your gallery, take a photo, record a video and game. The adaptive algorithm automatically detects games and immediately adjusts screen contrast to facilitate an optimal gaming experience.



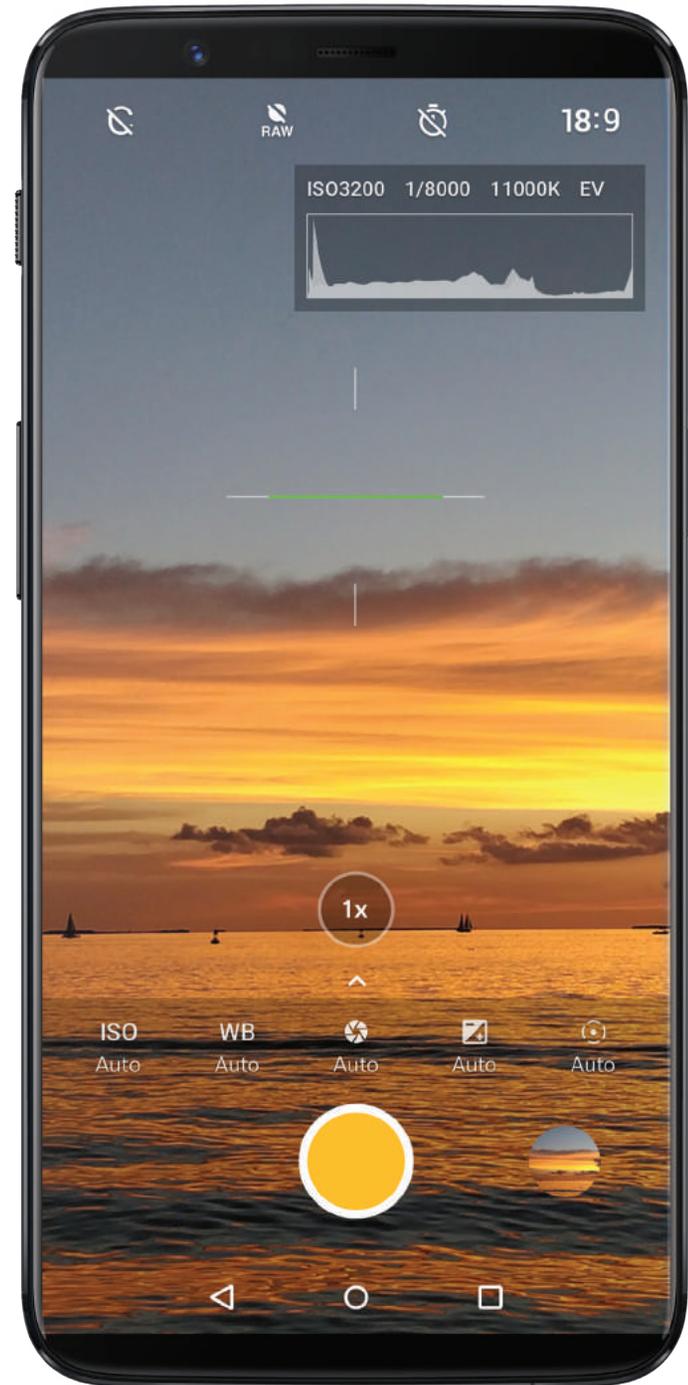
Dual Camera. Clearer Photos.

The OnePlus 5T comes with key improvements that will enhance camera performance in low-light and clarity. The OnePlus 5T features the same main camera as that of the OnePlus 5, but we have swapped the OnePlus 5's telephoto lens with a secondary camera, equipped with a large f/1.7 aperture that focuses on low-light photography.

Enhanced Lowlight Photos

In low-light conditions, under 10 lux, the OnePlus 5T switches to the secondary camera for enhanced low-light photography.

The OnePlus 5T's new secondary camera also comes equipped with Intelligent Pixel Technology, which we first implemented in the OnePlus 3T's front camera. In low-light conditions, ordinary pixels are often unable to capture enough light to produce noise-free shots. With Intelligent Pixel Technology, the OnePlus 5T's secondary camera merges 4 pixels into one, reducing noise in low-light environments and enhancing clarity. This allows you to capture photos with clarity even after the sun goes down.



Portrait Mode

Thanks to the dual camera setup, the OnePlus 5T can create a professional depth-of-field (bokeh) effect that blurs backdrops while keeping the subject razor sharp, similar to a DSLR camera. As the focal length (27.22mm) of the two lenses on the OnePlus 5T is identical, no cropping is required.

Additional software improvements have also been added to Portrait Mode to improve noise reduction and offer superior low-light performance. This is accomplished through new multi-frame algorithms that compare different frames of the same scene to filter out inconsistencies and improve the overall clarity of your portraits.

Clear Zoom

A new software algorithm enhances the clarity of photos when zoomed in. The OnePlus 5T offers a crisp zooming experience similar to that of the OnePlus 5's telephoto lens.





Pro Mode

First introduced on the OnePlus 5, Pro Mode allows you to freely tweak and optimize your photos. Key features of Pro Mode include:

- Professional level tools to give you more control over your photo
- ISO, white balance, shutter-speed, focus and exposure settings
- On-screen histogram lets you gauge exposure level to more accurately correct brightness
- RAW image file support for complete control of post-shot editing

Video

The OnePlus 5T captures video in up to 4K resolution and is supported by Electronic Image Stabilization (EIS) which compensates for shaky movements while recording, resulting in smooth videos even when you're panning or moving. Inspired by user feedback, the OnePlus 5T also features EIS for 4K video.

Redesigned Camera User Interface

Our new camera UI gives you easy one-handed access to all the camera modes and settings with a simple up or down swipe.

Quick Capture

Once enabled, users can instantly snap pictures by double tapping the power button. Quick Capture works beautifully with Fast Autofocus to help users capture their moments, instantly.

Front Camera

With a 16 MP sensor, the OnePlus 5T's front-facing camera produces clear photos and videos. In low-light environments, you can choose to have the screen flash to provide more light for selfies. The selfie flash can be set to On, Off or Auto (default). Auto HDR mode, which can be disabled at any time, automatically activates in ideal conditions to produce well-balanced photos.

Advanced Facial Recognition

In addition to our fast fingerprint sensor, which unlocks the OnePlus 5T in under 0.2 seconds, we have developed Advanced Facial Recognition, allowing users to unlock their phone just by looking at their device.

One of the fastest on the Android market, Advanced Facial Recognition uses over 100 facial feature identity points to securely unlock the OnePlus 5T.

The display must be on to use Advanced Facial Recognition.
(Settings > Security & fingerprint > Face unlock setting)



Dash Charge

A day's power in half an hour

Dash Charge is one of the fastest charging solutions on the global market. A half-hour charge gives the 3,300 mAh battery of your OnePlus 5T enough power for the day.

Dash Charge While Gaming – Most fast charging solutions have to throttle down the power during intensive use to control heat. But since Dash Charge keeps the OnePlus 5T cooler, the battery continues fast charging even when streaming videos, playing graphic-intensive games or using the Dash Car Charger to navigate with GPS.

Current Over Voltage – While other fast charge solutions have to increase voltage, Dash Charge carries more current, keeping voltage down to 5 volts and maintaining consistent charging speeds as a result.





Smooth Performance

The OnePlus 5T offers the same smooth experience as the OnePlus 5 through a combination of powerful hardware and intelligent software that work seamlessly together.

Every component of the OnePlus 5T was selected and optimized to contribute to the smoothness of the system. The OnePlus 5T packs the Qualcomm® Snapdragon™ 835, one of the most powerful and energy efficient platforms on the market. The Adreno 540 GPU boosts graphical performance so you can play demanding games, smoother than ever before. At 10 nanometers, the Snapdragon 835 draws up to 40% less power than larger 14 nanometer processors. As a result, anything you do on your phone happens almost instantly.

With up to 8 GB of LPDDR4X RAM, you can run a large number of apps simultaneously, without noticing a single second of lag and switch between apps with ease.

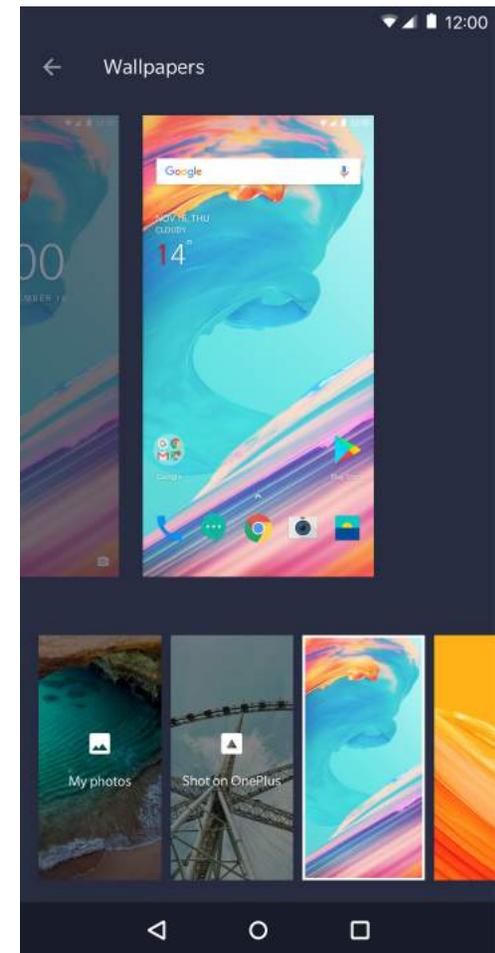
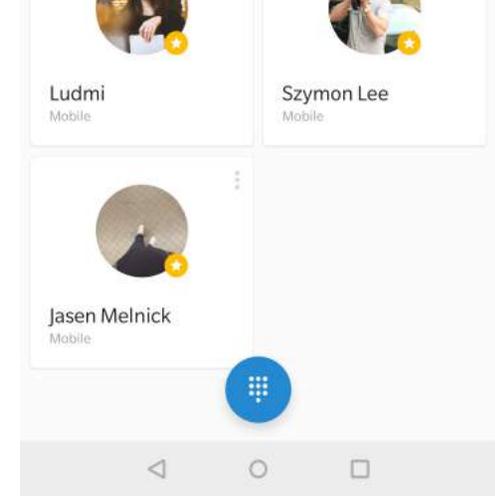
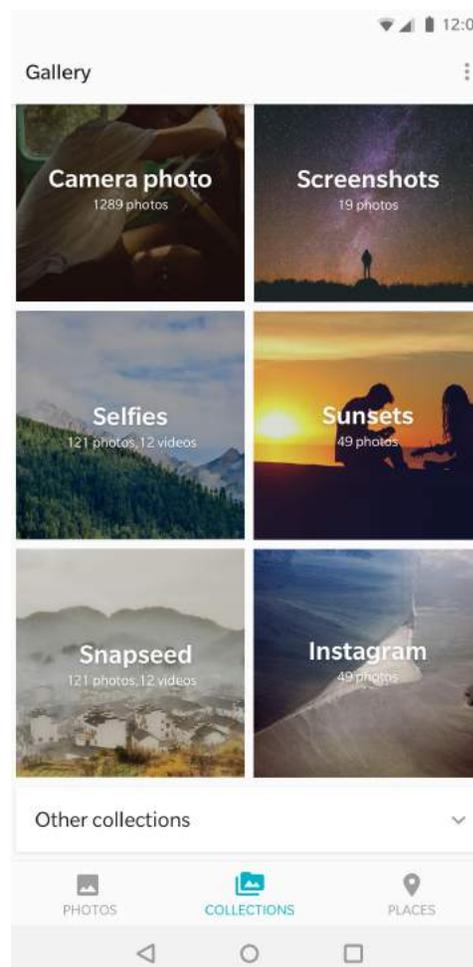
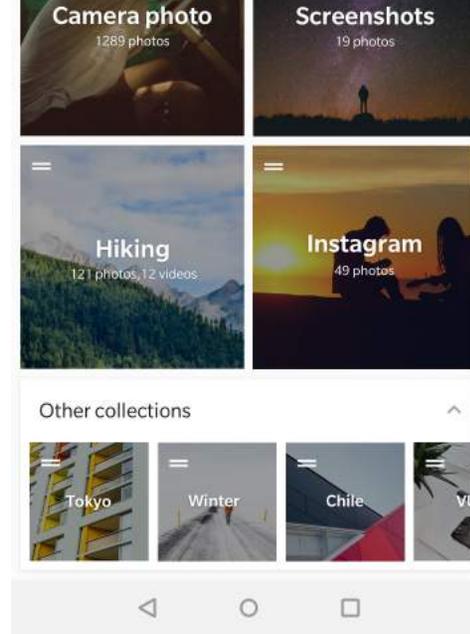
With App Priority, the OnePlus 5T accelerates the launch speeds of your favorite apps, while keeping apps you rarely use from taking up too much memory.

The OnePlus 5T's dual-lane storage, based on UFS 2.1, ensures faster app loading and read/write speeds.

OxygenOS: Android Refined

OxygenOS is designed to refine Android's core functionalities with useful features and optimizations, without messing with what works. The result is an enhanced experience that is just as light and customizable as stock Android.

New features are vetted by our community through our OxygenOS Beta Program and only added once we're confident the features can improve the way you use your phone. However, a good operating system is about more than just features. What's just as important is how the phone feels when you use it. We've refined the most important parts of our software, from things you'll instantly notice like customization options to things that help in the background. Just like our hardware, our approach to software is centered on an experience that is refined, efficient and minimalistic.



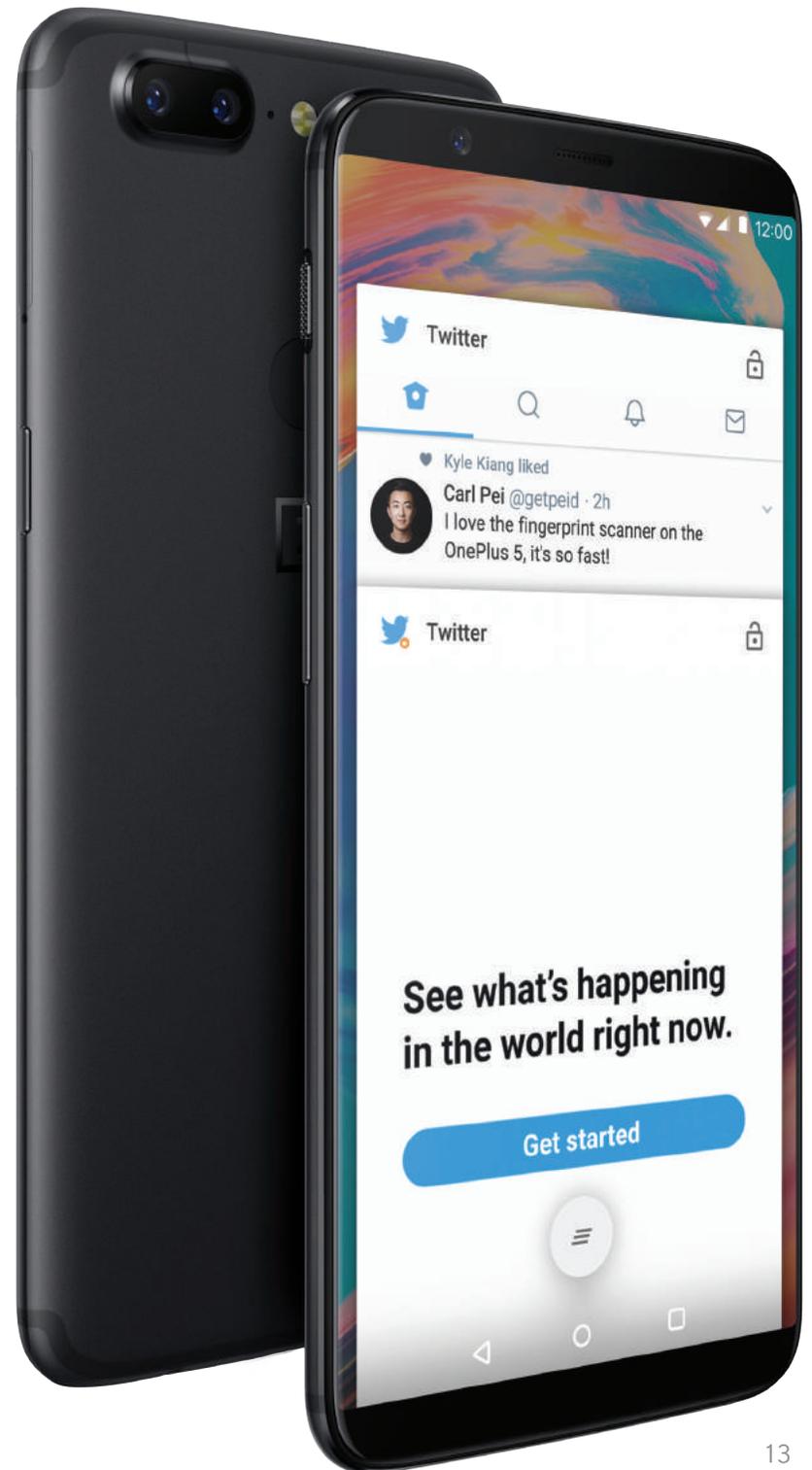
Launching with the OnePlus 5T, key feature updates of OxygenOS 4.7 include:

Parallel Apps – With Parallel Apps, you can easily clone selected apps, such as Facebook, Instagram, Twitter and Skype, allowing you to login to the same social media profile with two different accounts. This is ideal for separating business and personal accounts. (Settings > Apps > Parallel Apps)

Gallery Map – Users can now search pictures based on where they were shot with our gallery app. (Gallery > Places)

Customizations – Customizations on the OnePlus 5T allow you to make your phone completely your own.

- Home Screen Layout - Customize the grids and icon size on your home screen (Long press on the home screen > Settings > Home Screen Layout)
- Icon Pack – Change the look of your app icons with either the OnePlus default options (OnePlus, Round or Square) or any icon pack of your choice (Long press on the home screen > Settings > Icon Pack)
- Swappable Buttons - Swap the back and recent app buttons (Settings > Customization > Buttons)
- Custom Notification Shade and Status Bar – Rearrange or hide the icons and shortcuts on the notification shade or remove icons from the status bar (Pull down the notification shade > Press the pencil icon)



Returning Favorites

Reading Mode – During Reading Mode, the OnePlus 5T uses gray-scale mapping, while filtering out blue light to provide a reading experience similar to that of an e-reader. Furthermore, using information from the ambient sensor, the device adjusts the sharpness and brightness of the display. Reading Mode can be toggled on and off manually, or can be set to activate on preferred apps. (Settings > Display > Reading Mode)

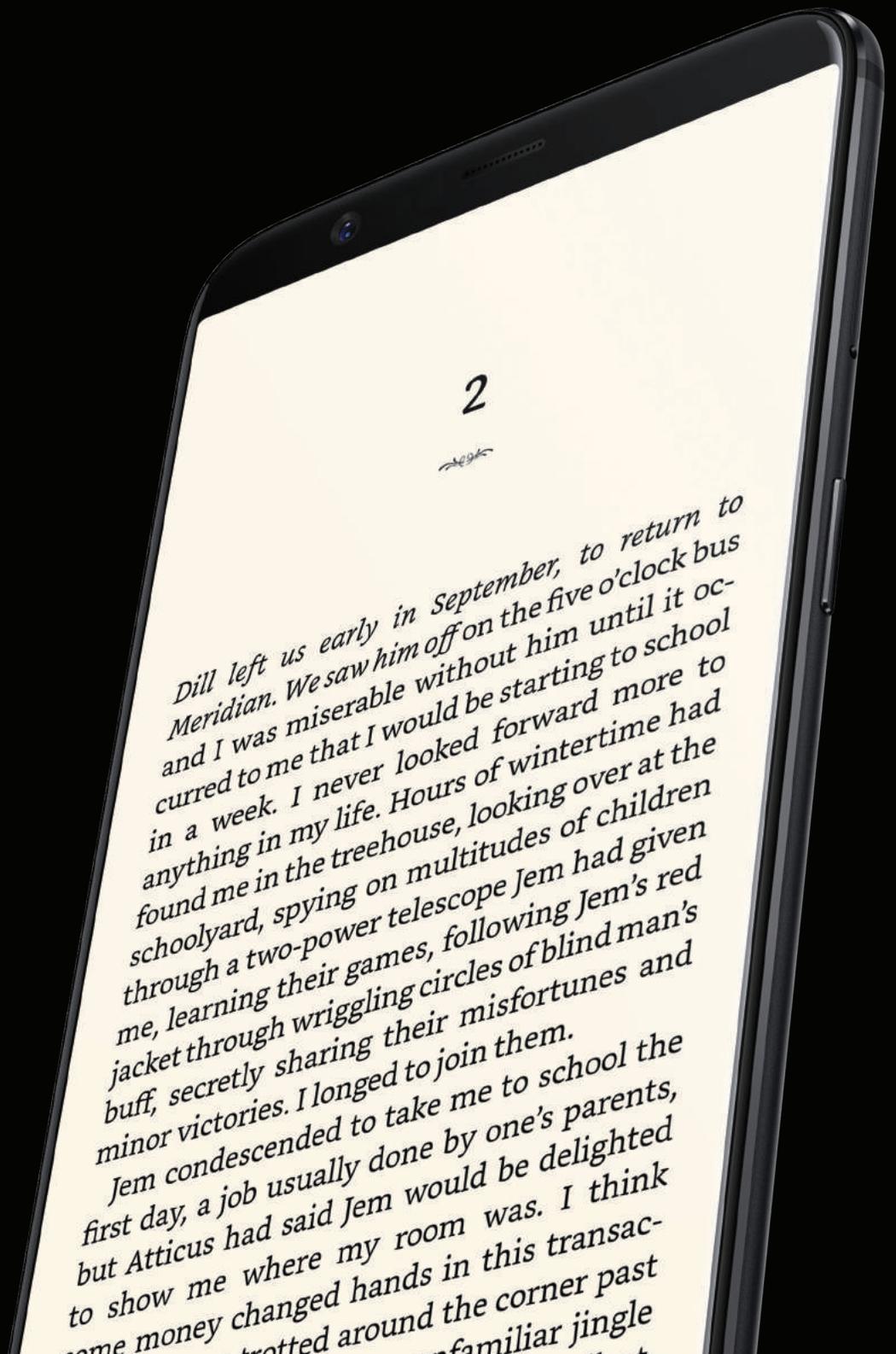
Expanded Screenshot – Hit the expand button when taking a screenshot and the screen will automatically start scrolling down, saving everything on the page until you hit the button again. (Take a screenshot > Press the rectangle icon > Press the rectangle icon again to stop scrolling)

Gaming Do Not Disturb – Gaming DND mode allows users to play their favorite games without being bothered by unnecessary notifications. Users can set it to automatically activate on specific apps or manually control it. (Settings > Advanced > Gaming Do Not Disturb)

Auto Night Mode – Night mode can be automatically enabled from sunset to sunrise or set to custom time ranges. It also takes advantage of the ambient sensor to adjust the color temperature according to the environment. (Settings > Display > Night mode)

App Locker – Require password or fingerprint login to access the data-sensitive apps of your choice. (Settings > Security & fingerprint > App locker)

Dark Theme – Change the menus and app drawer to black. (Settings > Display > Theme)



Tips & Tricks

Picture Capture with Fingerprint Sensor – From the viewfinder screen, you can take a photo or selfie by long pressing the fingerprint sensor. (To enable: Settings > Gestures > Long press to take a photo)

Swipe Fingerprint Sensor for Notification Shade – Swiping down on the fingerprint sensor can pull down the notification shade. (To enable: Settings > Gestures > Swipe fingerprint for notifications)

Full-Display Notification Shade and App Drawer Access – Swipe up or down anywhere on the screen to access the notification shade or app drawer.

Screen Off Gestures – Easily manage the most commonly accessed features of your phone without unlocking your screen. (To enable: Settings > Gestures > Screen off gestures submenu)

- Double tap to wake: tap the screen twice to wake up your device
- Music control: draw || with two fingers to play or pause music. Draw < or > for previous or next track
- Drawing letters O, V, S, M and W can activate assigned apps or functions such as opening the flashlight

Screen Calibration – Choose between default, sRGB, DCI-P3 and adaptive mode, which creates a more comfortable viewing experience and adjusts color temperature based on ambient light. (Settings > Display > Screen Calibration)

Lift Up Display – Wake up the ambient display when you pick up your phone or take it out of your pocket. (To enable: Settings > Display > Ambient display and Lift up display)

Three-Finger Screenshot – Swipe with three fingers to take a screenshot. (To enable: Settings > Gestures > Three-finger screenshot)

Hidden Navigation Bar – When in-app, the navigation bar automatically disappears for a more immersive viewing experience. Once the bar is hidden, a swipe up from the bottom of the display will restore the navigation bar. (Settings > Buttons > Hide the navigation bar)

Specs

Basic Parameters

| | |
|------------------|---|
| Dimensions | 156.1*75*7.3mm |
| Weight | 5.7 ounces (162g) |
| Material | Anodized Aluminum |
| Operating System | OxygenOS based on Android 7.1.1 Nougat |
| CPU | Qualcomm® Snapdragon™ 835 (Octa-core, 10nm, up to 2.45GHz) |
| GPU | Adreno 540 |
| RAM | 6/8 GB LPDDR4X |
| Storage | 64/128 GB UFS 2.1 2-LANE |
| Sensors | Fingerprint, Hall, Accelerometer, G-sensor, Electronic Compass, Gyroscope, Proximity, Ambient Light Sensor, RGB, Sensor Hub |
| Ports | USB 2.0, Type-C, Support USB Audio, Dual nano-SIM slot, 3.5 mm audio jack |
| Battery | 3,300 mAh (non-removable), Dash Charge (5V 4A) |
| Buttons | On-screen navigational support, power button, volume rocker, Alert Slider |

Connectivity

| | |
|-------------|---|
| LTE | Supports 3xCA Supports 64QAM & 256QAM Supports up to DL CAT 12 (600 Mbps) / UL CAT 13 (150 Mbps) depending on carrier support |
| Bands | FDD LTE: Bands 1/2/3/4/5/7/8/12/17/18/ 19/20/25/26/28/29/30/66 TDD-LTE: Bands 34/38/39/40/41 TD-SCDMA: Bands 34/39 UMTS (WCDMA): Bands 1/2/4/5/8 CDMA: BC0 GSM: 850/900/1800/1900 MHz |
| Wi-Fi | MIMO 2x2, Wi-Fi 802.11 a/b/g/n/ac, 2.4/5 GHz |
| Bluetooth | Bluetooth 5.0, supports aptX & aptX HD |
| NFC | NFC enabled |
| Positioning | GPS, GLONASS, BeiDou, Galileo |
| Audio | Bottom-facing speaker 3 microphones with noise cancellation Supports AAC Dirac HD Sound® |
| Display | Size: 6.01 inches Resolution: 1080P (1080 x 2160 pixels) 401 ppi Aspect Ratio: 18:9 Type: AMOLED Supports sRGB, DCI-P3 Cover Glass: 2.5D Corning® Gorilla® Glass 5 |

Rear Camera

| | |
|-----------|--|
| Main | Sensor: Sony IMX 398 Megapixels: 16 Pixel Size: 1.12 μm Aperture: f/1.7 Focal Length: 27.22mm |
| Secondary | Sensor: IMX 376K Megapixels: 20 Pixel Size: 1.0 μm Aperture: f/1.7 Focal Length: 27.22mm |
| Flash | Dual LED Flash |
| Video | 4K resolution at 30fps 1080p resolution at 60fps 1080p resolution at 30fps 720p resolution at 30fps Slow Motion: 720p videos at 120fps Time-Lapse |

Front Camera

| | |
|-------|--|
| Main | Sensor: Sony IMX 371 Megapixels: 16 Pixel Size: 1.0 μm Aperture: f/2.0 |
| Video | 1080p resolution at 30fps 720p resolution at 30fps Time-Lapse |

Multimedia

| | |
|-------------------------|---|
| Audio Supported Formats | Playback: MP3, AAC, AAC+, WMA, AMR-NB, AMR-WB, WAV, FLAC, APE, OGG, MID, M4A, IMY Recording: WAV, AAC, AMR |
| Video Supported Formats | Playback: MKV, MOV, MP4, H.265(HEVC), AVI, WMV, TS, 3GP, FLV, WEBM Recording: MP4 |
| Image Supported Formats | Playback: JPEG, PNG, BMP, GIF, DNG Output: JPEG |

Availability

North America

United States

Canada

Europe

| | |
|----------------|----------------|
| Austria | Italy |
| Belgium | Latvia |
| Bulgaria | Lithuania |
| Croatia | Luxembourg |
| Cyprus | Malta |
| Czech Republic | Netherlands |
| Denmark | Poland |
| Estonia | Portugal |
| Finland | Romania |
| France | Slovakia |
| Germany | Slovenia |
| Greece | Spain |
| Hungary | Sweden |
| Ireland | United Kingdom |

Asia

Mainland China

Hong Kong

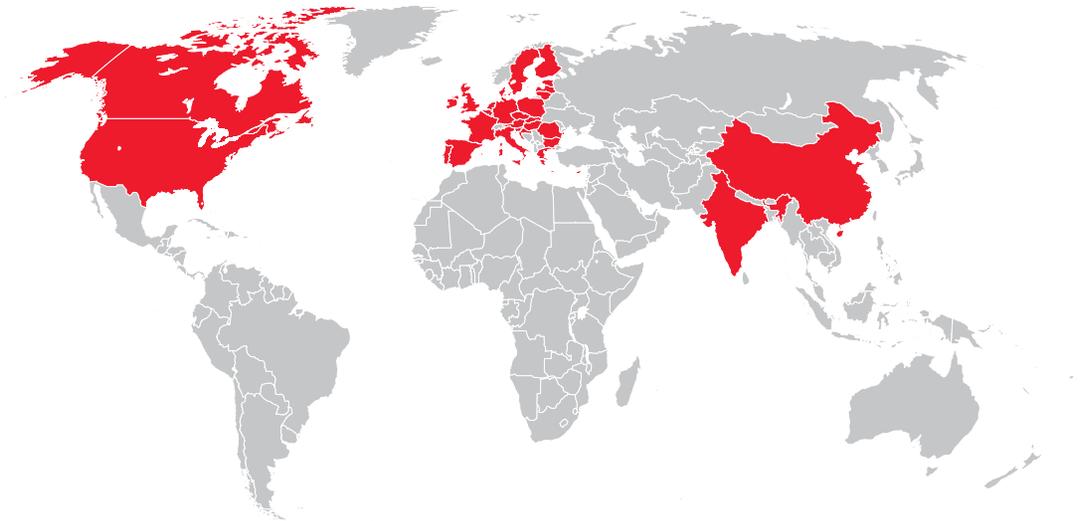
India

Open Sales

November 21

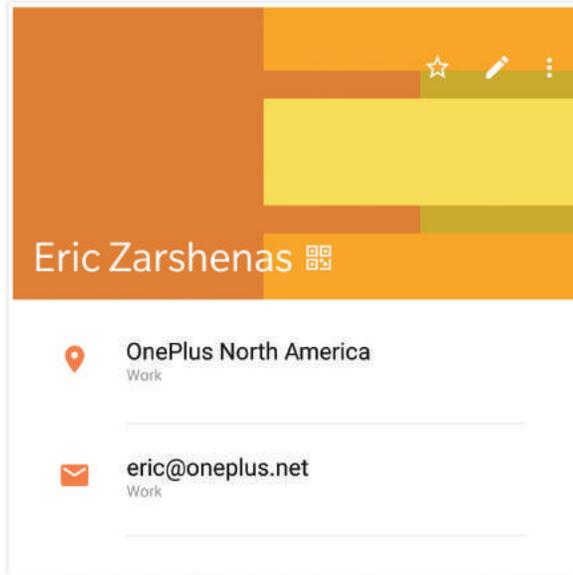
North America

Europe



For other countries, please visit oneplus.net/retailers.

Contact

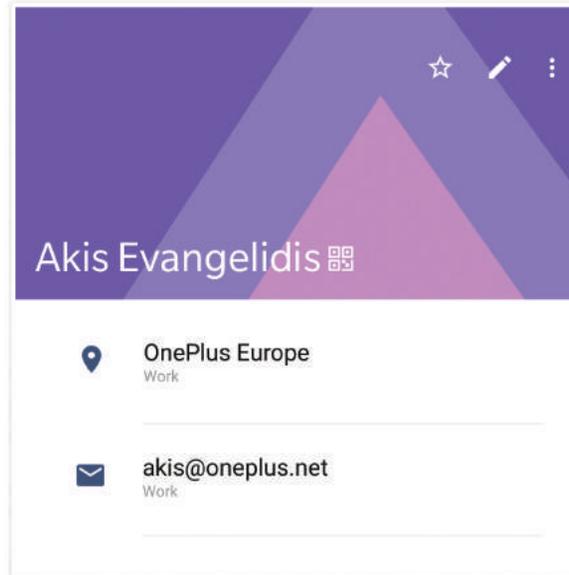


Eric Zarshenas

OnePlus North America
Work

eric@oneplus.net
Work

This contact card features a background of orange and yellow geometric shapes. It includes a star icon, a pencil icon, and a three-dot menu icon in the top right corner. The name 'Eric Zarshenas' is displayed in white text. Below the name, the work location 'OnePlus North America' is listed with a location pin icon and the word 'Work' underneath. The work email 'eric@oneplus.net' is listed with an envelope icon and the word 'Work' underneath.

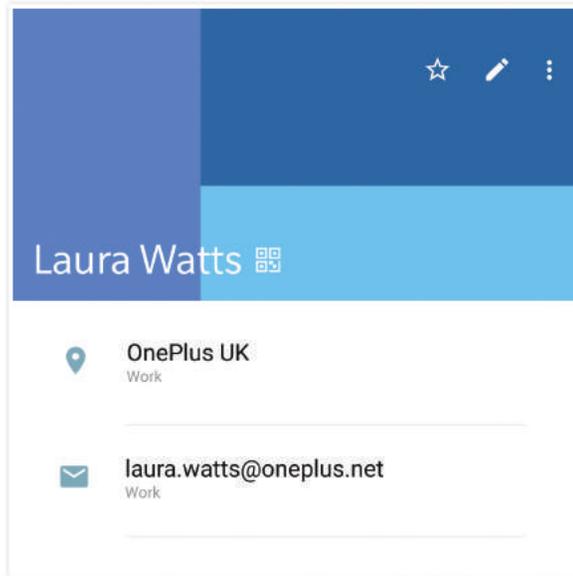


Akis Evangelidis

OnePlus Europe
Work

akis@oneplus.net
Work

This contact card features a background of purple and pink geometric shapes. It includes a star icon, a pencil icon, and a three-dot menu icon in the top right corner. The name 'Akis Evangelidis' is displayed in white text. Below the name, the work location 'OnePlus Europe' is listed with a location pin icon and the word 'Work' underneath. The work email 'akis@oneplus.net' is listed with an envelope icon and the word 'Work' underneath.

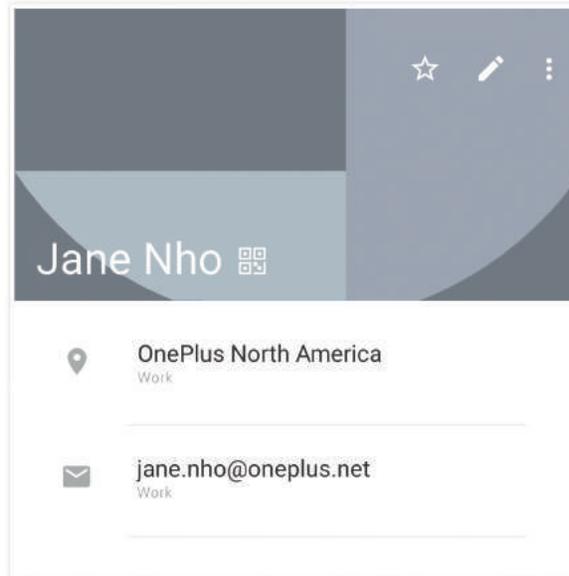


Laura Watts

OnePlus UK
Work

laura.watts@oneplus.net
Work

This contact card features a background of blue and light blue geometric shapes. It includes a star icon, a pencil icon, and a three-dot menu icon in the top right corner. The name 'Laura Watts' is displayed in white text. Below the name, the work location 'OnePlus UK' is listed with a location pin icon and the word 'Work' underneath. The work email 'laura.watts@oneplus.net' is listed with an envelope icon and the word 'Work' underneath.



Jane Nho

OnePlus North America
Work

jane.nho@oneplus.net
Work

This contact card features a background of grey and light grey geometric shapes. It includes a star icon, a pencil icon, and a three-dot menu icon in the top right corner. The name 'Jane Nho' is displayed in white text. Below the name, the work location 'OnePlus North America' is listed with a location pin icon and the word 'Work' underneath. The work email 'jane.nho@oneplus.net' is listed with an envelope icon and the word 'Work' underneath.

For more information including press photos,
please visit oneplus.net/press.

