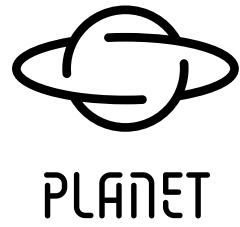


# ASTRO SLIDE

5G TRANSFORMER  
SMARTPHONE



MORE THAN A  
SMART PHONE



# ASTRO SLIDE

THE WORLD'S 1<sup>ST</sup>

**5G** KEYBOARD  
MOBILE DEVICE





# WIDELY COVERED AND CELEBRATED IN ONLINE MEDIA



engadget

## Planet Computers' Astro Slide is a smartphone and PDA in one

"The Astro Slide hearkens back to the glory days of BlackBerry PDA productivity, while delivering all the benefits of a regular smartphone"

<https://www.engadget.com/2020-03-30-planet-computers-astro-slide-smartphone-pda.html>

techradar

## Waiting for the Blackberry 5G? The Astro Slide could be a good alternative

"There's good reason for you to like the device, especially if you're a fan of the physical keyboard that very few phones have nowadays"

<https://www.techradar.com/uk/news/waiting-for-the-blackberry-5g-the-astro-slide-could-be-a-good-alternative>

PC

## Planet's Astro Slide Phone Adds Keyboard

"Works as both a standard slab-style device and as a mini-laptop. And it lets you run non-Google operating systems"

<https://uk.pcmag.com/mobile-phones/131099/planets-astro-slide-phone-adds-keyboard-deletes-google>

# CES 2022 BEST OF SHOW COVERAGE



FEATURED ACROSS  
USA TV ON NBC  
NETWORK STATIONS

**FASTCOMPANY**



<https://news4sanantonio.com/sa-living/break-down-of-the-consumer-electronics-show>

## CES 22 in pictures

"Others announced new smartphones this week, but none of them have a physical QWERTY keyboard for people mourning the death of BlackBerry"

<https://www.fastcompany.com/90710810/ces-22-in-pictures-despite-covid-the-cool-tech-showed-up>

# PLANET COMPUTERS DEVICES TIMELINE

4G 3G

4G 4G

5G

2018

2019

2020

2021

2022

JAN 2018

GEMINI PDA (X600)



COSMO COMMUNICATOR (X800)



AUG 2019



ASTRO SLIDE 5G

JAN 2022

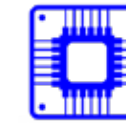


ASTRO SLIDE  
LAUNCHED





# ASTRO SLIDE HIGHLIGHTS



## PROCESSOR

MediaTek Dimensity 800



## FLASH

128GB



## RAM

8GB



## ANDROID 11

GMS Approved



## Dual SIM + eSIM

Dual Modem Support



## CONNECTIVITY

Bluetooth V5.1,  
WiFi 5 (2T2R), GPS, AGPS,  
Glonass, Beidou, Galileo  
Band L1 + L5 GNSS

# HARDWARE HIGHLIGHTS

BRIGHTNESS SENSOR

LED INDICATOR

Power + Notifications

AUTO BACKLIT  
MECHANICAL KEYBOARD

30 Layouts + Key Mapper

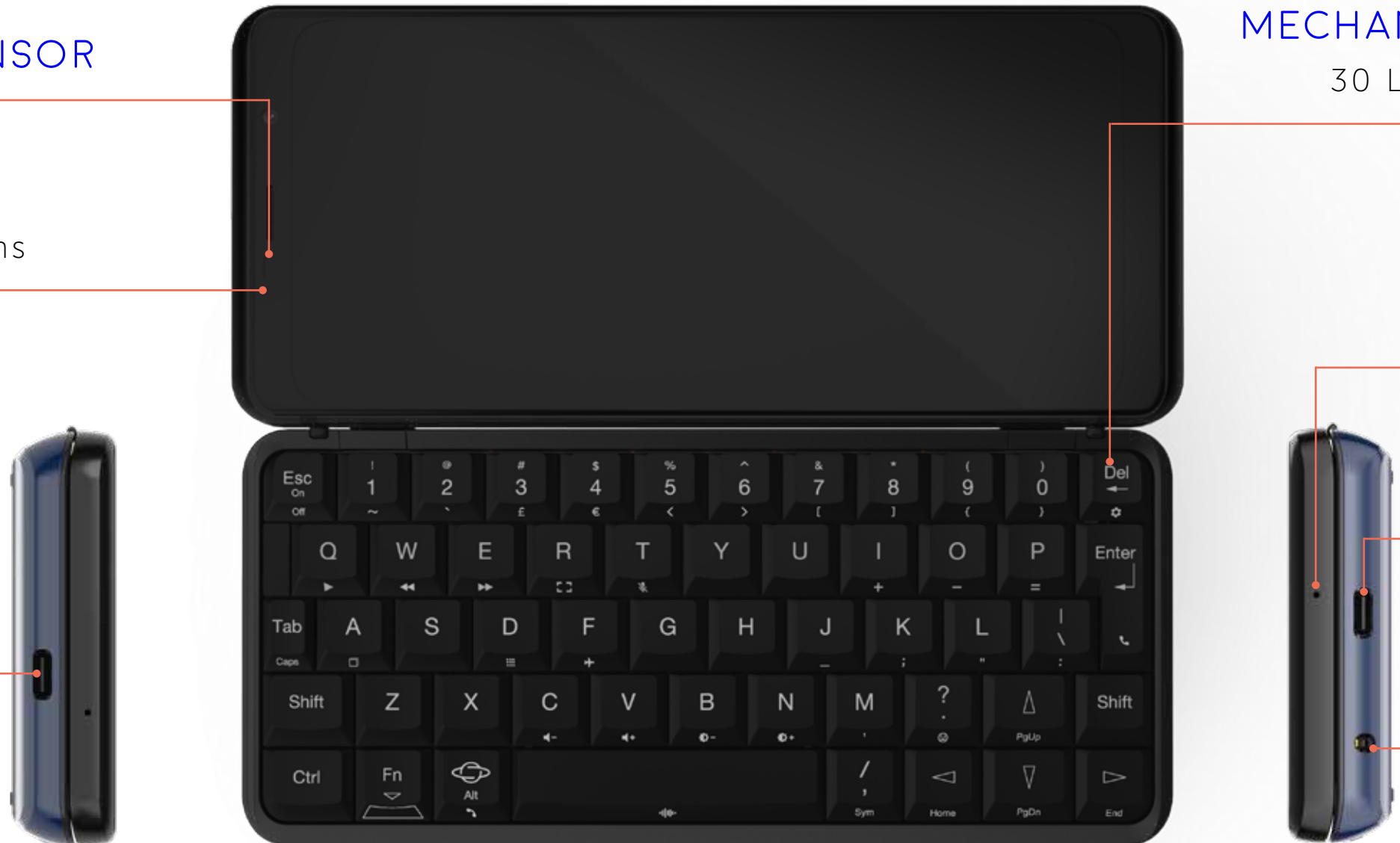
MICROPHONE

USB-C PORT

AUDIO JACK

3.5mm Port

USB-C PORT



# HARDWARE HIGHLIGHTS

VOLUME BUTTONS

SMART BUTTON

User programmable

STEREO SPEAKERS

FRONT CAMERA

13MP | Video Calls + Selfies

EARPIECE SPEAKER

6.39" AMOLED SCREEN

Multi-Touch FHD+



# HARDWARE HIGHLIGHTS

## EXPANDED SIM TRAY

2x SIM + microSD

## FINGERPRINT BUTTON

## ROCKUP SLIDER HINGE

## REAR CAMERA

48MP | Sony sensor + Flash

## NFC AREA

## WIRELESS CHARGING

## RUBBER GRIP PADS



# POCKET POWER

Smartphone size + laptop capabilities

IPHONE 13 PRO MAX

S21 ULTRA

ASTRO SLIDE 5G

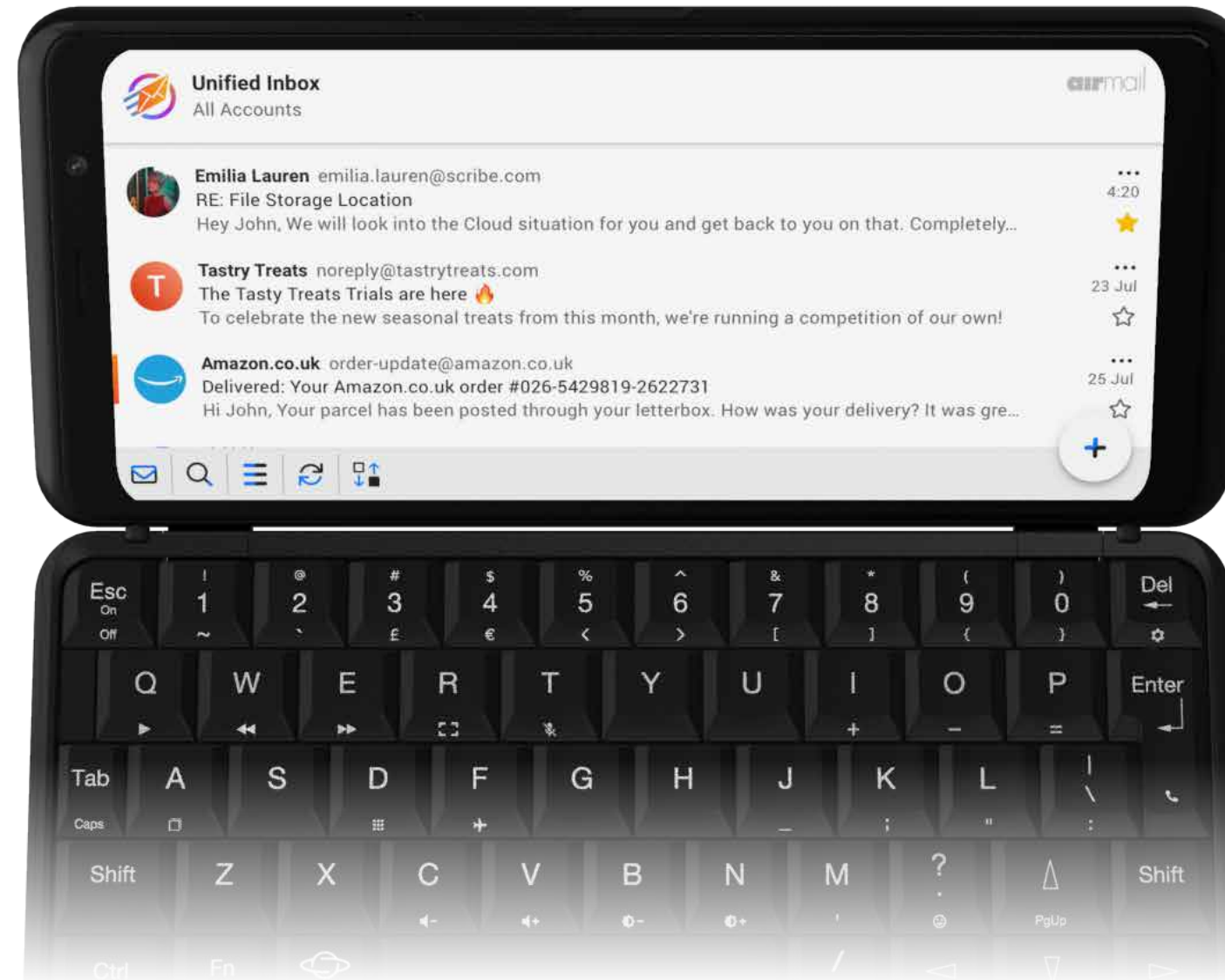
COSMO

GEMINI



# TOUCH+TYPE UNITE

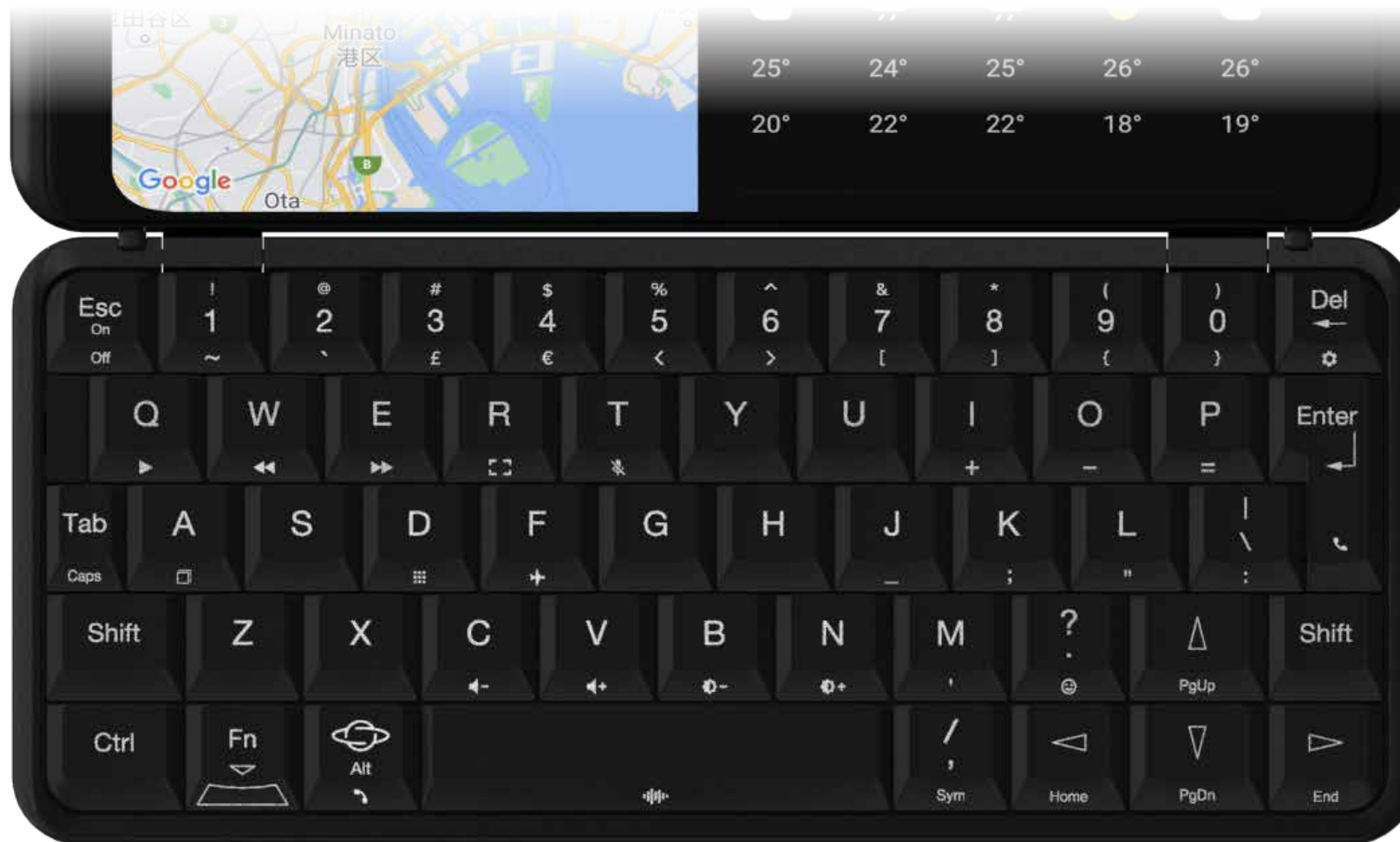
Crystal clear 6.39" Touchscreen combined  
with our unique mechanical keyboard





# INTEGRATED BACKLIT KEYBOARD

24 International  
keyboard layouts



US Keyboard

## 24 LAYOUTS

Arabic, Austria, Brazilian, Chinese, Czech, Croatian, Danish, Dvorak, Finnish, French, German, Greek, Hebrew, Hungarian, Icelandic, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Swiss, Thai, UK, US.

# WIRELESS CONNECTIVITY

Dual SIM 5G + 4G world wide modem



GSM	850, 900, 1800, 1900
WCDMA FDD	Bands: 1, 2, 5, 6, 8
4G Bands	1, 2, 3, 4, 5, 7, 8, 12, 17, 18, 19, 20, 26, 38, 39, 40, 41, 66, 71
5G Bands	1, 3, 28, 38, 41, 77, 78, 79
LTE TDD	34, 38, 39, 40, 41

# ROCKUP SLIDER HINGE

Mechanism retains a full size screen in all modes



Opening the device to its horizontal position, engages the screen and keyboard to their optimal viewing and typing angle



# ROCKUP SLIDER HINGE

Mechanism retains a full size screen in all modes



Opening the device to its horizontal position, engages the screen and keyboard to their optimal viewing and typing angle

# ROCKUP SLIDER HINGE

Mechanism retains a full size screen in all modes



Opening the device to its horizontal position, engages the screen and keyboard to their optimal viewing and typing angle

# SONY CAMERA SENSOR

External 48MP Camera

Can be used with the device open or closed





# EXPANDED SIM TRAY

Dual nano SIM + eSIM  
MicroSD expandable storage



# SMART BUTTON

User programmable range of functions

## SMART BUTTON ACTIONS

Voice Assistant

Invoke App

Cycle Through Recent Apps

Quick Shot

Voice Recorder

Torch

Screen Rotate

Invoke App Bar

Screenshot

Personal Alarm

None



# MULTI-OS WITH MULTI-BOOT

Partition your device the way you want

Boot into Android and/or Linux



Android 11  
(GMS)



Linux  
Debian





# APP EVOLUTION

Original Programs  
Inspiration Source



Agenda



Jotter

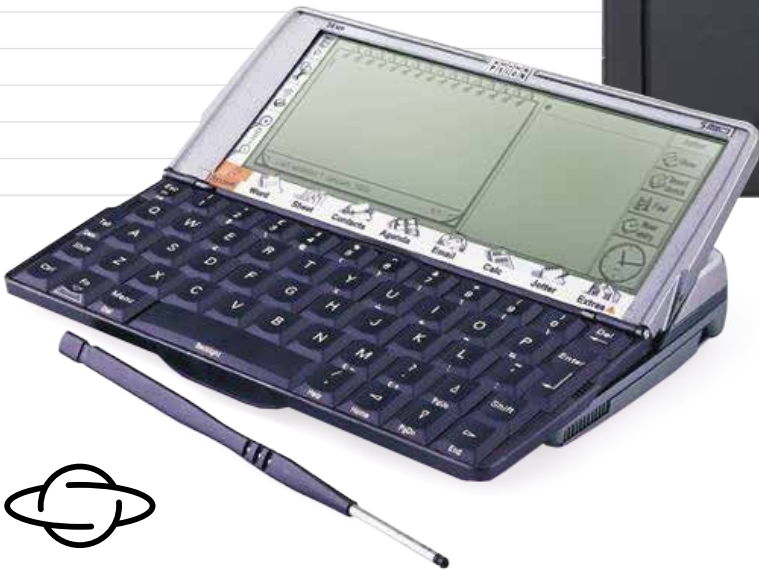


Email

Psion Series 5 (EPOC32)



Original Jotter



Modern Interpretation Apps  
Updated for Android compatibility



Agenda



Notes



AirMail



Data

Gemini (Android 9) Cosmo (Android 10)



Notes App V1

Enhancement + Innovation  
Portrait views and new features



Planet Apps



OneSearch



Backup

Astro (Android 11)



3rd Gen.Transformer  
Phone features a full  
size external screen.

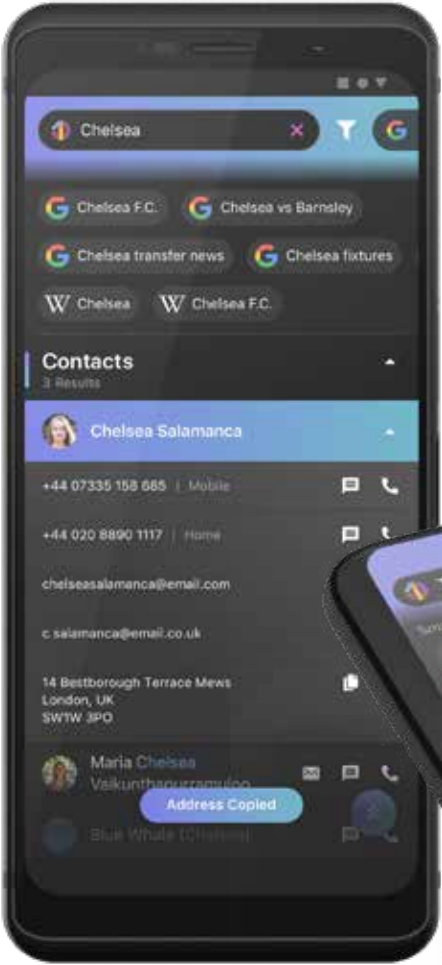
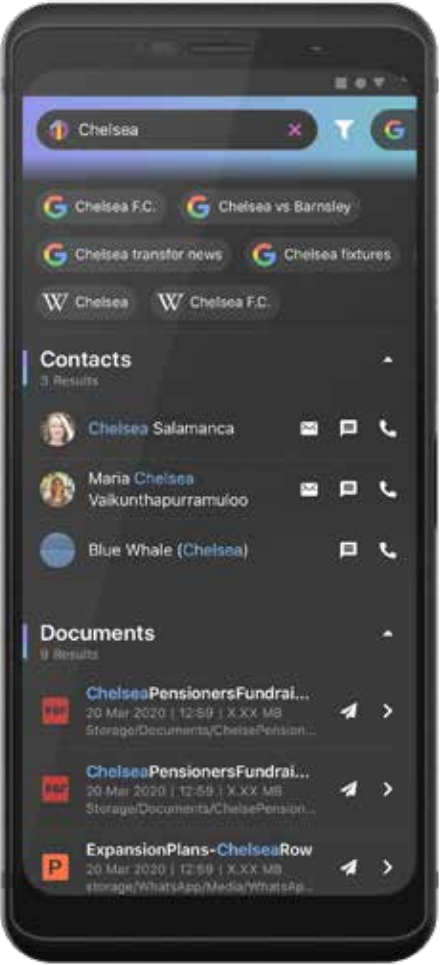
Requires UI reinterpretation  
for portrait orientation.

Notes App V2  
Portrait + Horizontal Dark Mode



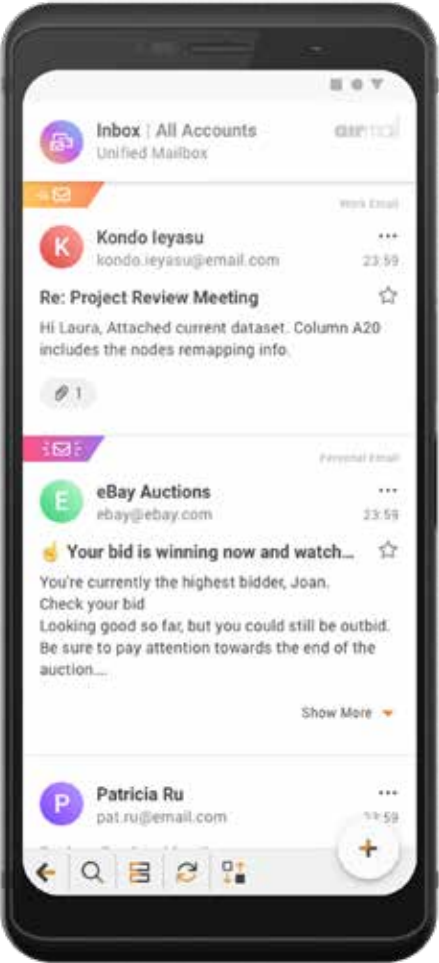
# PLANET APPS

OneSearch



# PLANET APPS

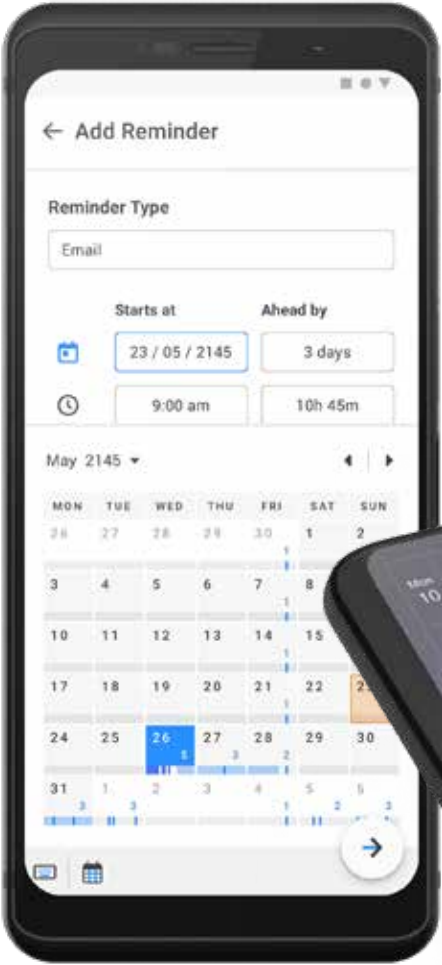
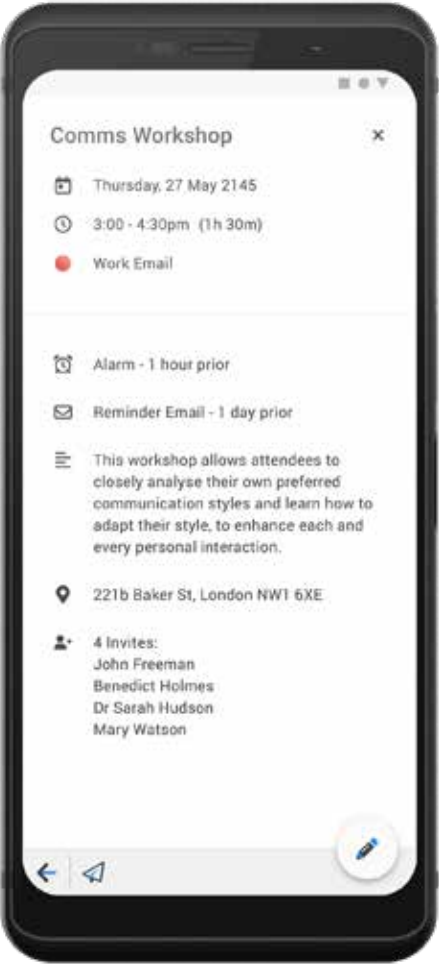
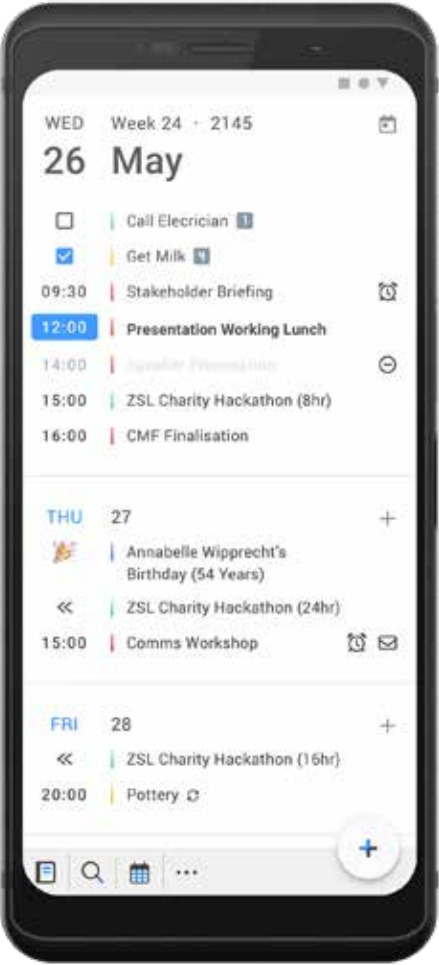
## Airmail





# PLANET APPS

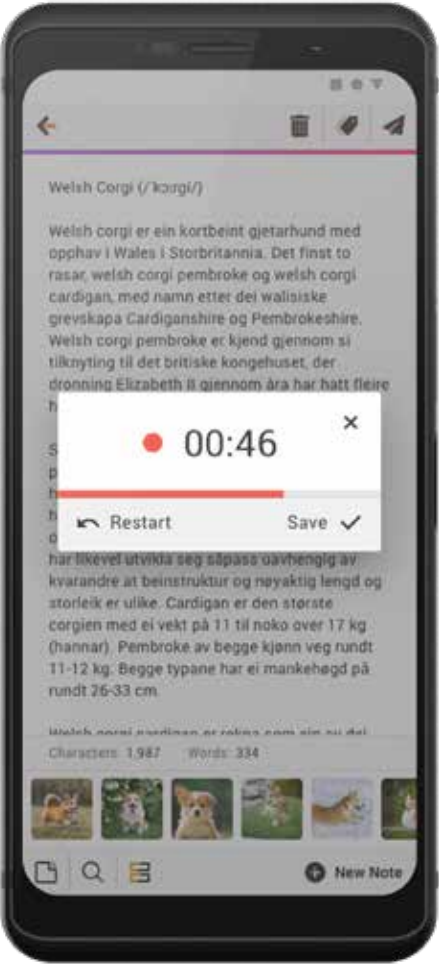
## Agenda





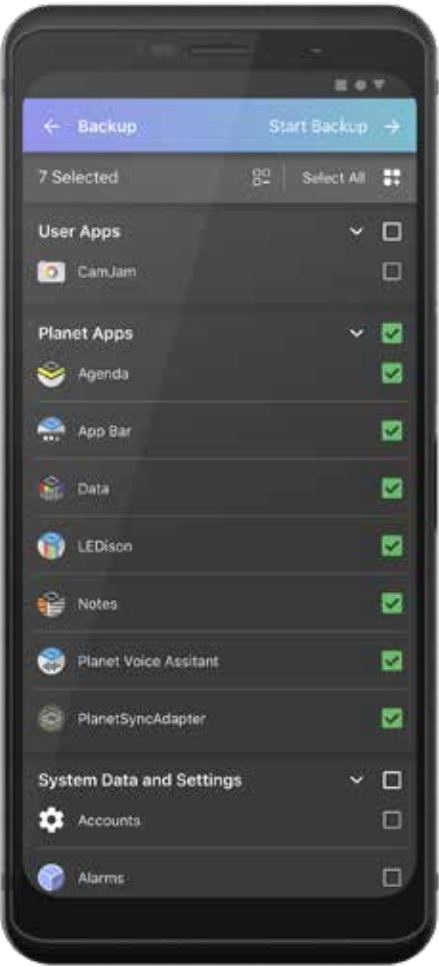
# PLANET APPS

## Notes



# PLANET APPS

## Backup



# eSIM TECHNOLOGY

eSIM Wallet



- In-house certified Android LPA solution
- Working end-to-end solution
- Partnership with most major eSIM platform manufactures

# COMPUTING EVERYWHERE

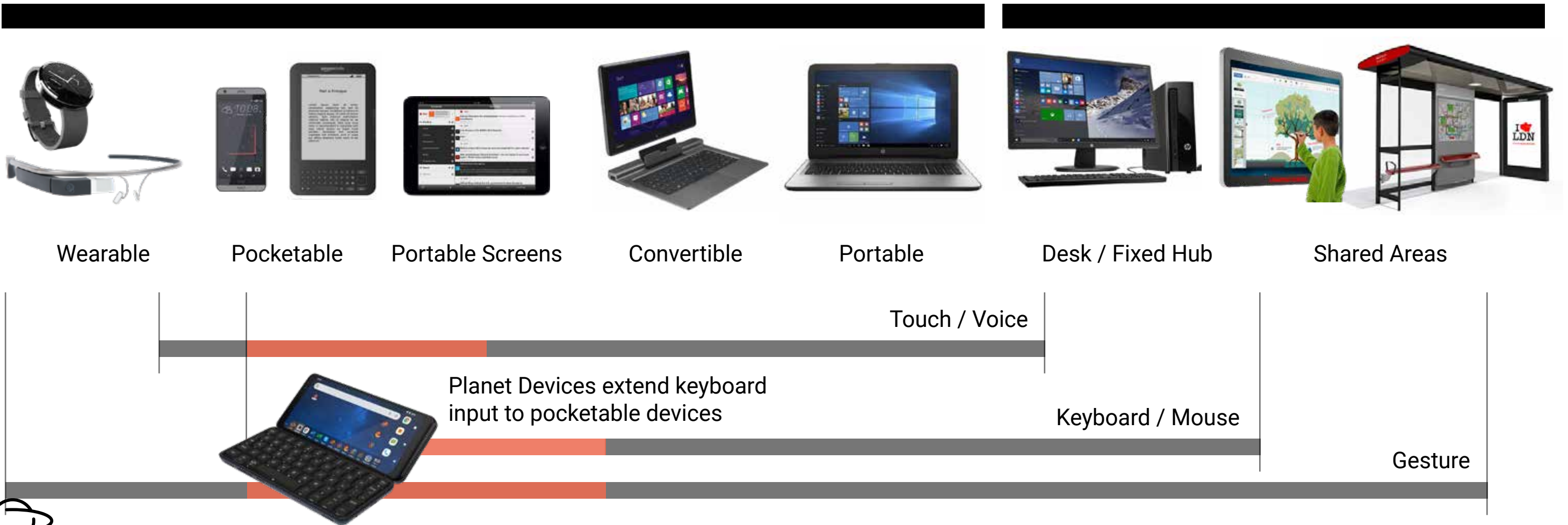
Planet Computers looks beyond existing form factors, bringing full size keyboards and their functionality within pocketable devices.

## PRIVATE COMPUTING

Inside devices, for personal use with ownership.

## PUBLIC COMPUTING HUBS

All around devices, for shared use.



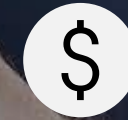




# MARKET POSITIONING



High End - Premium Device



RRP USD \$499 - \$999



Prosumer / Professional



For Productive / Creative people

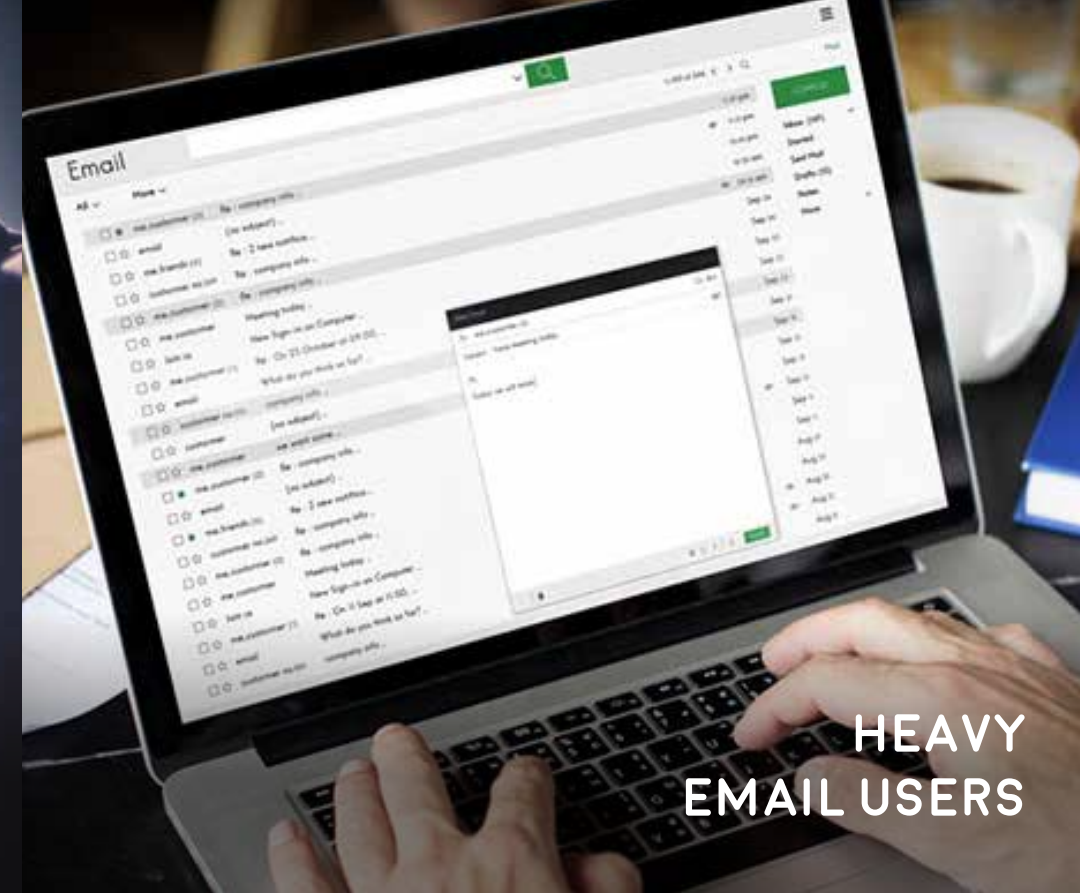




**BLOGGERS, WRITERS,  
JOURNALISTS**



**PROFESSIONALS  
AND BUSINESS USERS**



**HEAVY  
EMAIL USERS**



**ELDERLY + TACTILE  
FOCUSED USERS**



**IT SYSTEM  
ADMINISTRATORS**

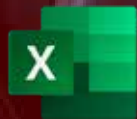


**CIVIL + PUBLIC  
SERVICES**



# DEVICES FOR BUSINESS + PROFESSIONALS

- Email and messaging
- Microsoft Office
- Easy Note taking
- Calendaring
- Remote desktop access
- Vertical business apps



# DEVICES FOR LIFESTYLE

- Pocketable keyboard phone
- Travel light - no laptop
- Long battery life
- Discreet productivity



# DEVICES FOR TECHIES

- Pocketable programmable on the go device
- System administrators
- Multi-boot OS choice: Android, Sailfish, Linux (Kali, Debian)
- Remote access secure shell



SAILFISH OS

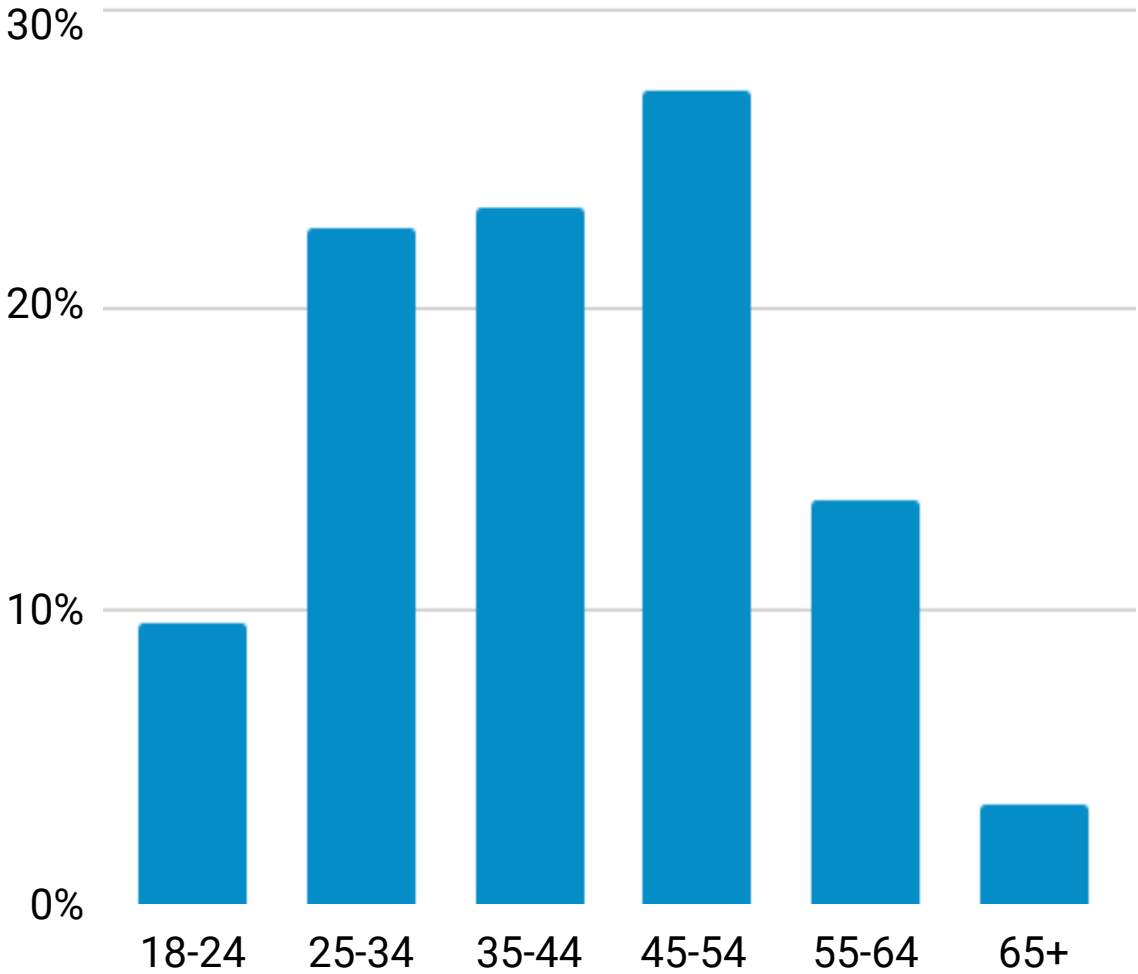


debian

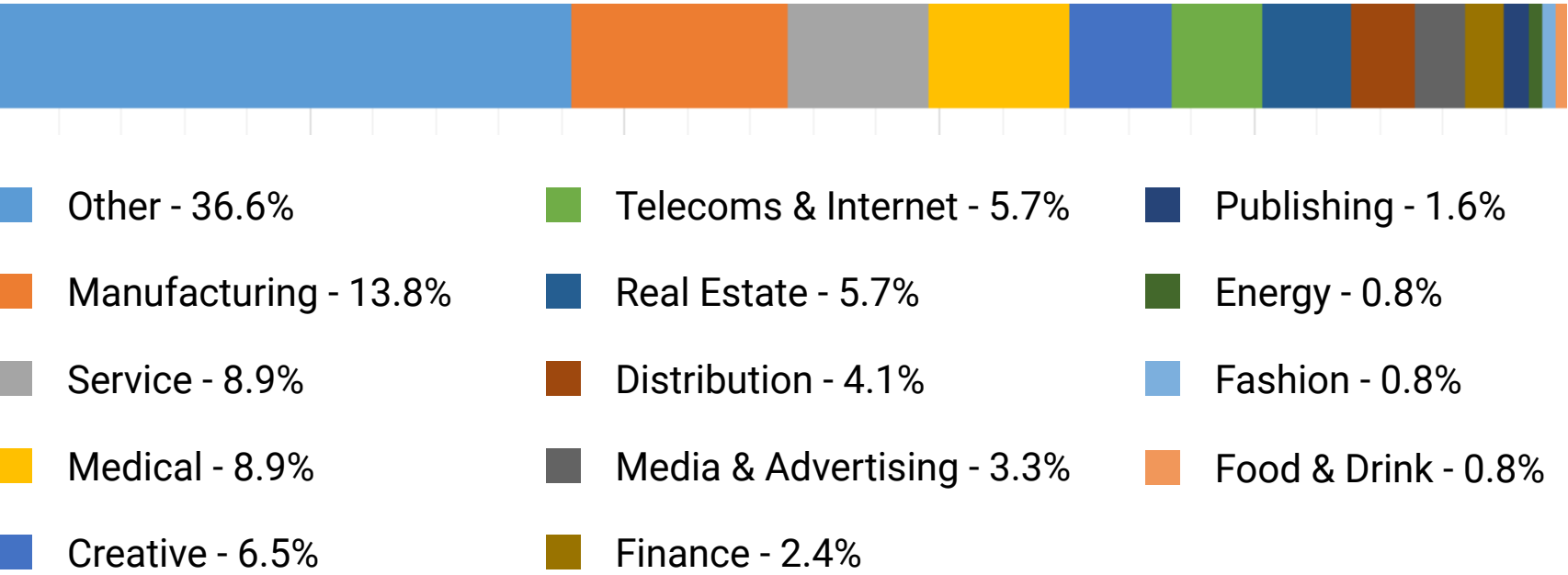


# USER DEMOGRAPHICS

Age



Occupations



Gender

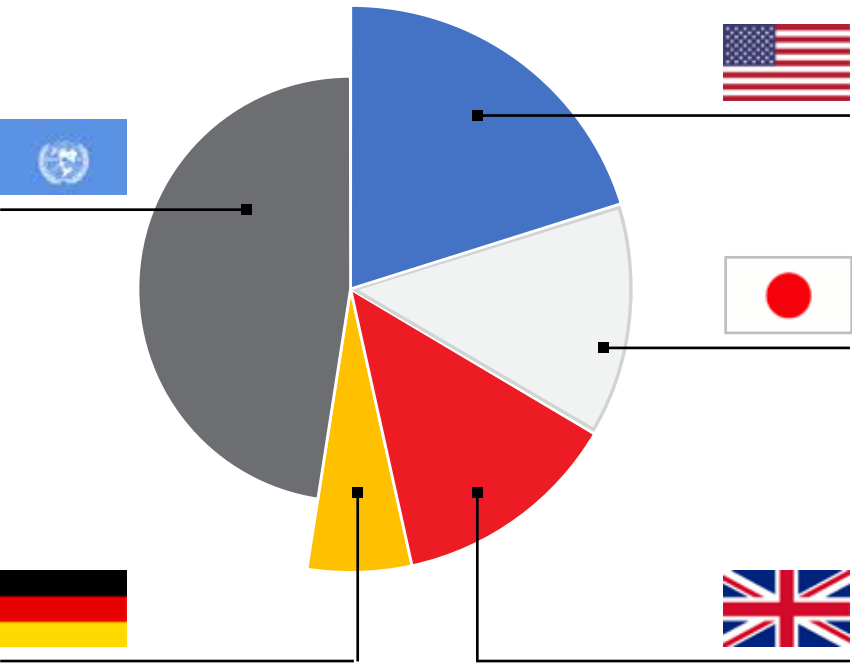


# ONLINE MARKET INSIGHTS

Data from Planet's online stores has identified key countries of interest; insights will lead the identification of target markets and sales approach.

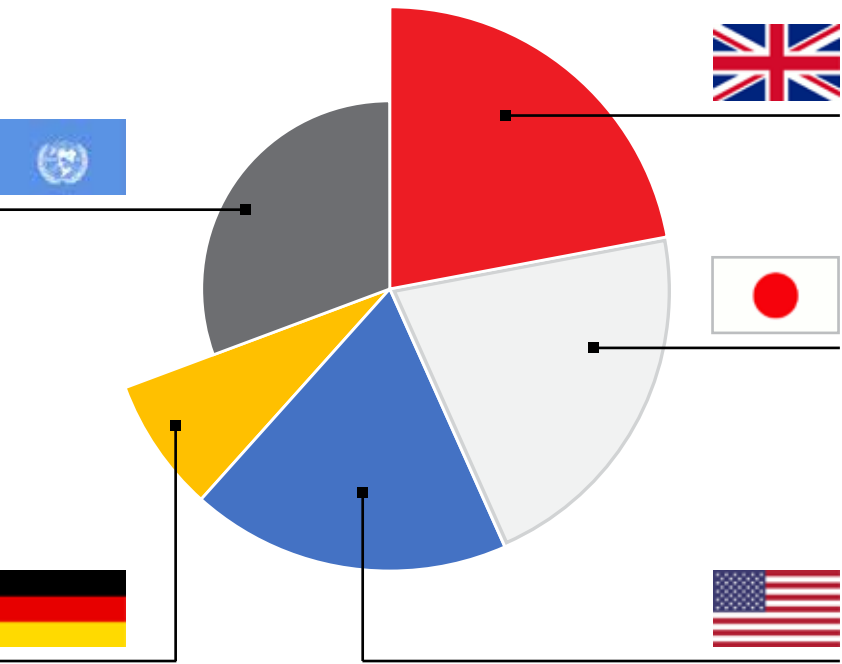
## Most Visits

The US, Japan, UK and Germany contribute the most visitors to Planet's online stores: 52.5% of visitors are from these countries.



## Sales

The top four countries in terms of sales are the UK, Japan, US and Germany. Altogether holding a 3.40% conversion rate average.



	Sales	Visits	Conversion
United Kingdom	22.1%	13.0%	3.88%
Japan	21.3%	13.4%	4.27%
United States	18.3%	20.1%	2.59%
Germany	7.7%	5.90%	2.86%
Rest of World	30.7%	47.5%	1.15%



PLANET DEVCIES  
DIFFERENTIATE  
FROM OTHER  
SMART PHONES  
IN STORE + ONLINE





# Phones

Already know what you want?



Pay Monthly

Pay As You Go

New

Refurbished

PRE-ORDER



5G

Samsung  
Galaxy S22



36 month Device Plan.  
Monthly rolling Airtime Plan.  
Plans unlinked after 24 months.

Our top pick  
**£30.00** + **£38.50\***  
UPFRONT A MONTH

OFFER



5G

Apple  
iPhone 13



36 month Device Plan.  
Monthly rolling Airtime Plan.  
Plans unlinked after 24 months.

Our top pick  
**£30.00** + **£37.76\***  
UPFRONT A MONTH

OFFER



5G

Planet Computers  
Astro Slide 5G



36 month Device Plan.  
Monthly rolling Airtime Plan.  
Plans unlinked after 24 months.

Our top pick  
**£20.00** + **£21.17\***  
UPFRONT A MONTH

[Gallery](#)

## Highlights



24MP camera



Integrated Keyboard



Weighs 320g



6.0 + 1.9 inch dual screen



# Planet Computers Cosmo Communicator

★★★★★ 5.0 | 100 Reviews [Product information](#)

Cosmo Communicator is the ultimate mobile device that fits in your pocket. It's a great little computer with an excellent keyboard, a world-wide dual-SIM mobile phone and a fantastic camera - all in one! Great for emails, messaging, editing documents, making calls and taking snaps.

Colour:

Space Grey

Capacity: 128GB

**In Stock** Order by midnight for free next working day delivery

Check click and collect

Pay Monthly

Pay As You Go

Build your own plan

[Reset](#)

Offers included



min £20

£20.00  
upfront

max £210



min 3

36  
months

max 36



min 1GB

1GB  
data

max 60GB



Save £200. Whilst stocks last. &gt;



Due an upgrade? Sign in and pay £0 upfront. &gt;

You'll also get unlimited minutes and texts.

Total cost

£27.45\* a month [i](#)

Choose this plan

[See our plans](#)

# ASTRO SLIDE SPECIFICATION



<b>CPU</b>	MTK Dimensity 800	<b>Keyboard</b>	Full mechanical backlit keyboard 24 International keyboard layouts
<b>RAM</b>	8 GB	<b>Battery</b>	4,000 mAh (Fast + Wireless Charging)
<b>Flash</b>	128 GB	<b>Display</b>	6.39" AMOLED Colour FHD+ (13:6) multi touch 2340x1080
<b>Cameras</b>	48 MP Back, 13 MP Front	<b>Dimensions</b>	17.24 (W) x 7.65 (D) x 1.87m (H)
<b>Sound</b>	High quality stereo speakers	<b>Weight</b>	325g
<b>Microphones</b>	Ambient noise suppression	<b>OS</b>	Android 11 + Linux support
<b>Audio Ports</b>	3.5mm Audio Jack	<b>Sim Cards</b>	2x Nano SIMs + 1 eSIM
<b>NFC</b>	Yes, with payment option	<b>Connectivity</b>	WiFi 5 2T2R, BTv5.1 GPS, Glonass, Beidou, Galileo
<b>USB</b>	2x USB type C	<b>Mobile Radio</b>	Dual SIM 5G + 4G GSM, CDMA, WCDMA, TDS, TDD-LTE, NR
<b>Buttons</b>	Smart Button, Volume Up/Down		
<b>Sensors</b>	Accelerometer, compass, light, gyro		
<b>Fingerprint</b>	with On/Off/Sleep button		
<b>Expansion</b>	MicroSD card slot		





# Thank You

For further information see:

<https://www.planetcom.co.uk/astro-slide-5g>

Contact:

Dr Janko Mrsic-Flogel

[janko@planetcom.co.uk](mailto:janko@planetcom.co.uk)

+44 7985645124

Disclaimer: The information in this document is confidential

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# ABOUT PLANET COMPUTERS



PLANET COMPUTERS LTD. IS A  
MANUFACTURER OF SMARTPHONES  
AND POCKET COMPUTER DEVICES

FOUNDED IN 2016

PLANET COMPUTERS IS BASED IN THE UK

KNOWN FOR ITS AWARD WINNING  
GEMINI PDA AND COSMO  
COMMUNICATOR MOBILE DEVICES

ALSO DEVELOPS PRODUCTIVITY MOBILE  
APPLICATIONS, eSIM TECHNOLOGY  
AND PERSONAL CLOUD SYSTEMS  
(WITHIN GROUP)

# PLANET COMPUTERS TEAM

DR JANKO MRSIC-FLOGEL  
CO-FOUNDER CEO



DR DAVIDE GUIDI  
CO-FOUNDER CTO



MARTIN RIDDIFORD  
CHIEF DESIGNER



DR DAVID POTTER, CBE  
HONORARY PRESIDENT



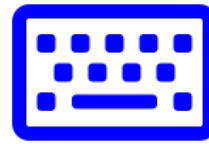
# PLANET DNA

Our defining features re-imagine mobile devices  
for modern smartphone users



## INNOVATIVE FORM FACTOR

Transforming Hinge



## MECHANICAL KEYBOARD

Available in 24 layouts



## POCKETABLE MOBILE DEVICE

Portable workstation



## E-SIM CONNECTIVITY

Dual Sim Slot + eSIM



## MULTI-BOOT OPERATING SYSTEMS

Android | Linux



## IN-BUILT CONNECTIVITY

2x USB-C & Audio Jack

# ASTRO NEW FEATURES

ASTRO SLIDE 5G innovatively builds from our core features to deliver a powerful and unique transforming device

A blue icon representing 5G connectivity, featuring the letters "5G" in a bold, sans-serif font.

FAST 5G  
CONNECTIVITY



ROCKUP  
SLIDER HINGE



AUTO BACKLIT  
KEYBOARD



SONY 48MP  
CAMERA SENSOR



EXPANDED  
SIM TRAY



WIRELESS  
CHARGING