

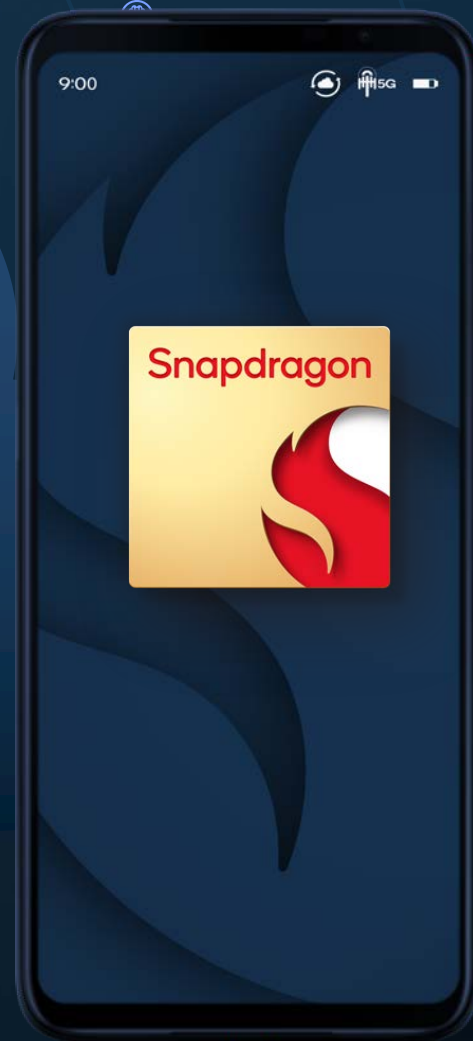
MWC 2022 Press Conference

Cristiano Amon

President and CEO
Qualcomm Incorporated

@cristianoamon

Mobile



Connected intelligent edge

Continued cloud growth requires the connected intelligent edge

Increasing data at the edge requires more local processing, intelligence

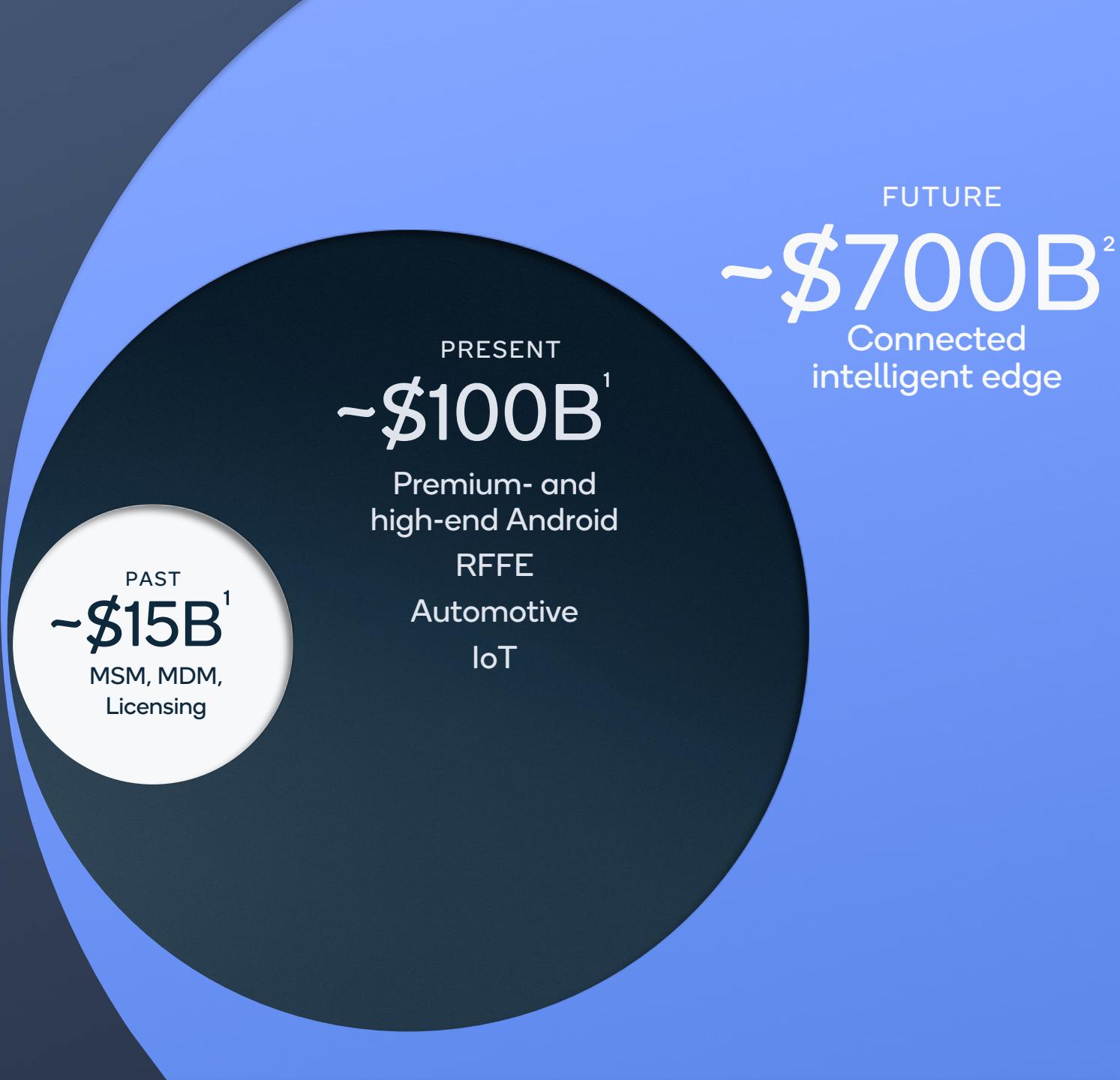
Cloud growing at
35%
year-over-year¹

By 2025
64%
of data will be created
outside of traditional
data centers²

1. Canalsys estimate of increase in cloud infrastructure spend for Q1 2021, April 2021;
2. IDC DataSphere Program, July 2021

>7x

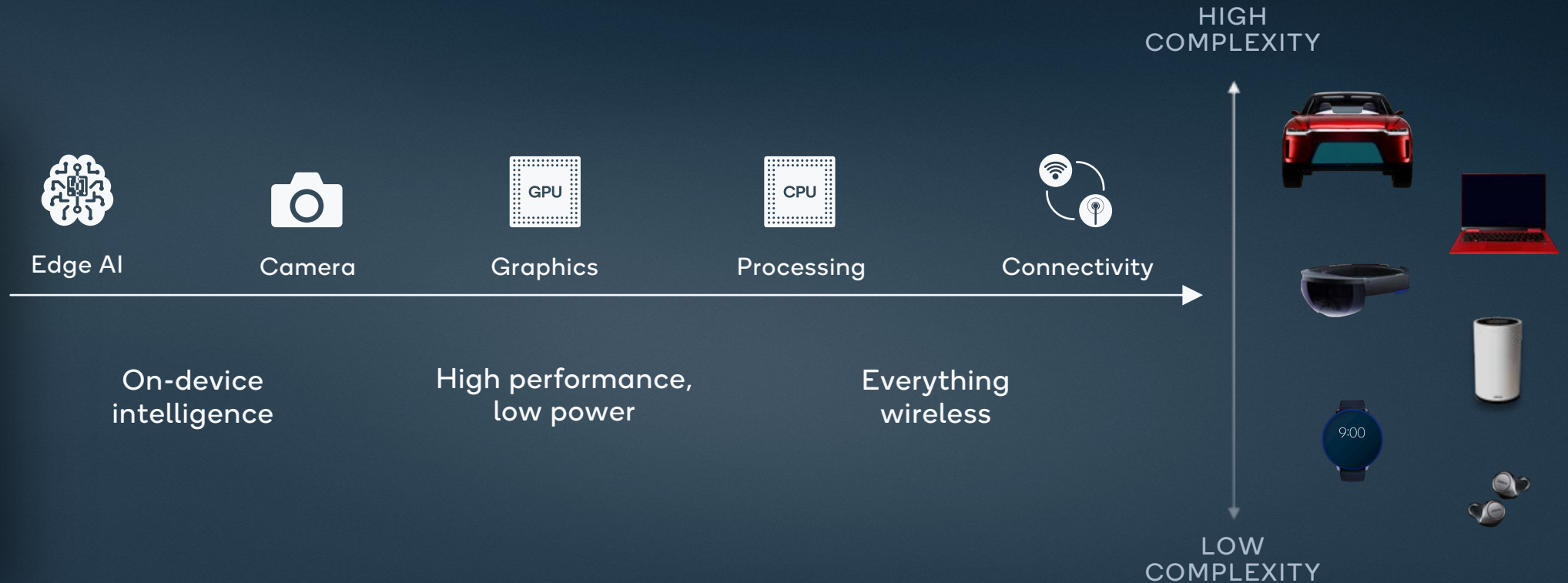
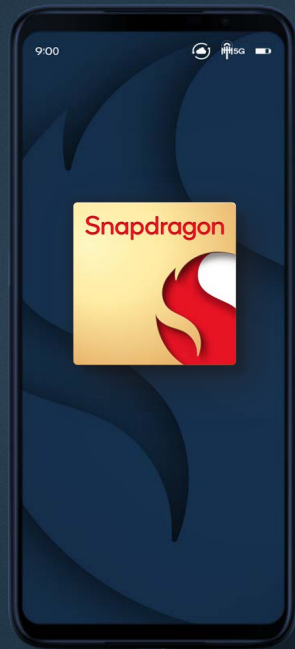
Addressable market
expansion in the
next decade



1. SAM: Serviceable Addressable Opportunity; 2. TAM: Total Addressable Opportunity.
A combination of internal and third-party estimates

One technology roadmap

Best-in-class technology scalable to enable virtually every device



Setting the bar for premium-tier Android smartphones



#1 Snapdragon® Connect

Fastest 5G and Wi-Fi speeds¹



#1 Snapdragon Sight™

Leading with mobile-first camera features⁴



#1 Snapdragon® Smart

Leading on-device AI use cases and performance per watt²



#1 Snapdragon® Secure

Leading security features for mobile⁵



#1 Snapdragon Sound™

CD Lossless and LE Audio for Bluetooth®³

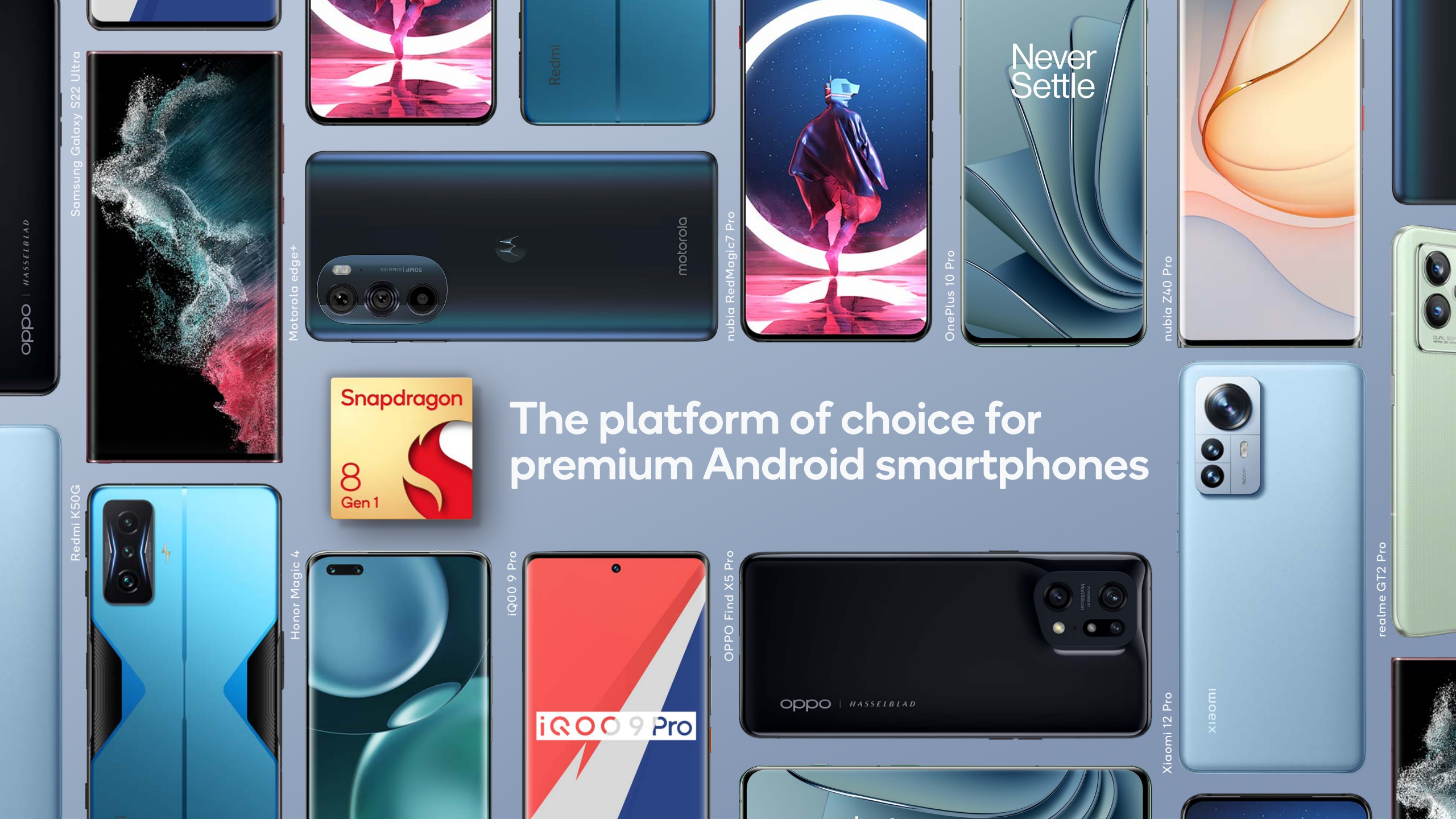


#1 Snapdragon Elite Gaming™

Leading in desktop-level features on mobile⁶



1. First-announced 10 Gigabit 5G and 3GPP Release 16 Modem-RF System, fastest Wi-Fi peak speeds in commercially available device and access point chipsets; 2. Internal competitive analysis; 3. First announced audio codec for CD Lossless quality over Bluetooth; 4. First 8K HDR Video Capture and 18-bit ISP; 5. First announced support for Android-ready SE standard, always-on camera; 6. Internal competitive analysis. Snapdragon Elite Gaming, Snapdragon Sight, and Snapdragon Sound are products of Qualcomm Technologies, Inc. and/or its subsidiaries.



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Samsung Galaxy S22 Ultra

Redmi K50G

Motorola edge+

Honor Magic 4



The platform of choice for premium Android smartphones

iQOO 9 Pro

OPPO Find X5 Pro

OnePlus 10 Pro

Xiaomi 12 Pro

realme GT2 Pro



The platform of choice for premium Android smartphones

SAMSUNG

Galaxy S22 | S22+



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Offer valid till March 10, 2022

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SAMSUNG

Galaxy S22 Ultra



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Galaxy Watch4 at ₹ 2999* + Samsung Upgrade up to ₹ 8000 bonus*

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The platform of choice for premium Android smartphones

虎年大吉

小米 12

芯意启新年

HAPPY NEW YEAR

小米 12 年货节甄选礼盒

内含 Xiaomi 12 手机

Xiaomi 12 虎年手机壳、随机获得收藏版「骁龙8」

1月27日，京东小米官方旗舰店1元抽奖

1月30日，小米京东自营旗舰店隆重开幕

京东 小米京东自营旗舰店

oppo

一帧影像，
动用两块芯片。

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OPPO Find X5 系列

2月24日 19:00 全球发布

红魔 / 京东小魔方 / Snapdragon

红魔7 游戏手机

第七神装 为赢而生

165Hz周刷超竞屏 · 全新骁龙8 · ICE魔冷散热 · 120W魔闪快充

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50MP 超广角镜头

50MP 人像镜头

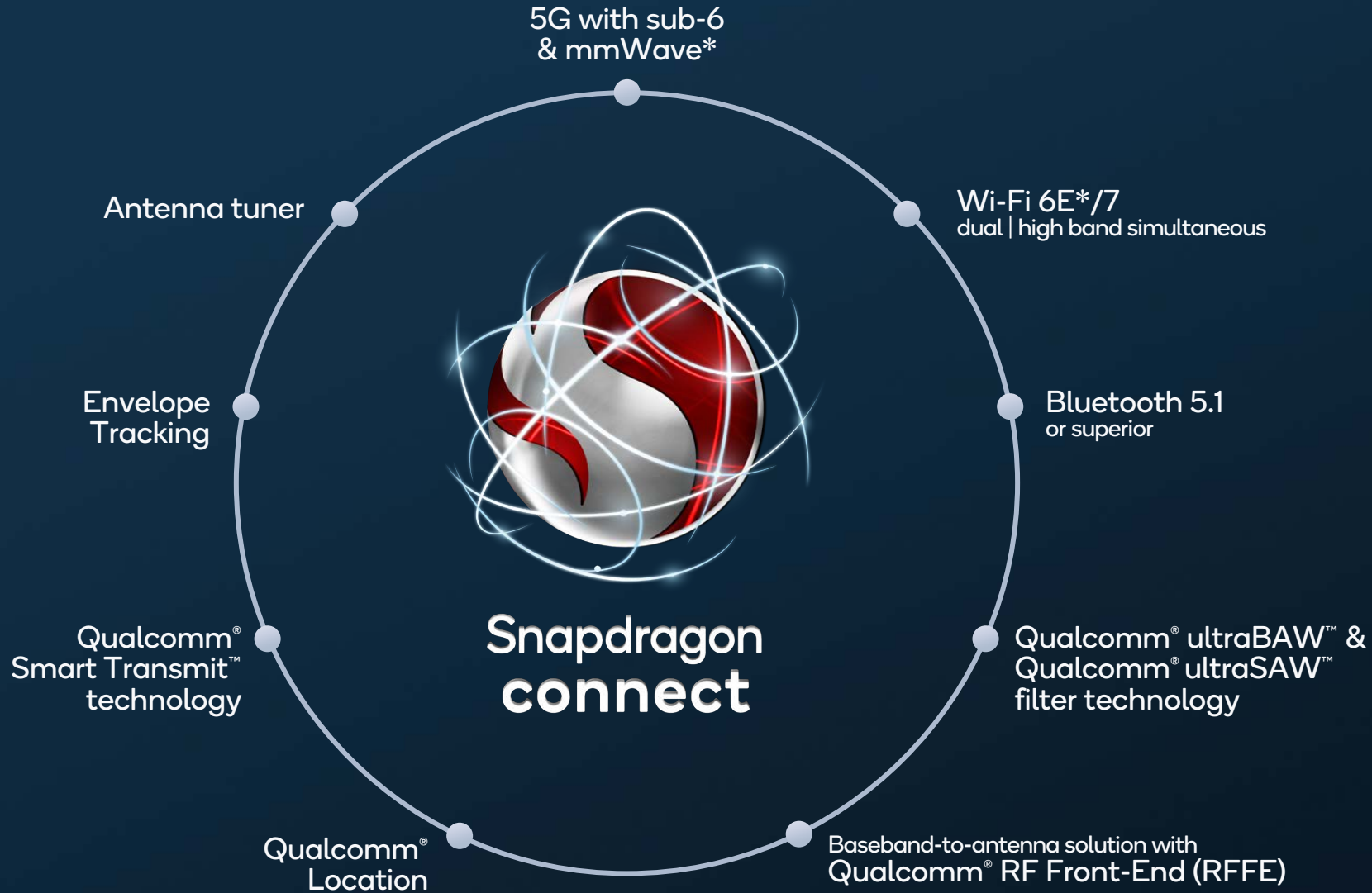
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Get ready to unleash game changing performance with the most advanced mobile platform.

003, 5,312 views



Best-in-class
5G | Wi-Fi | Bluetooth

Faster

More responsive

Robust, superior coverage

Enhanced battery life

Advancing our connectivity portfolio



Bluetooth



Wi-Fi



Cellular

Shaping the future of wireless sound

New Qualcomm® Sound platforms provide industry-leading listening experiences

Qualcomm
S5 sound
platform

Qualcomm
S3 sound
platform

Lossless audio, stereo recording, and ultra-low latency gaming audio with Snapdragon Sound

3rd gen active noise cancellation

Optimized audio sharing, broadcasting



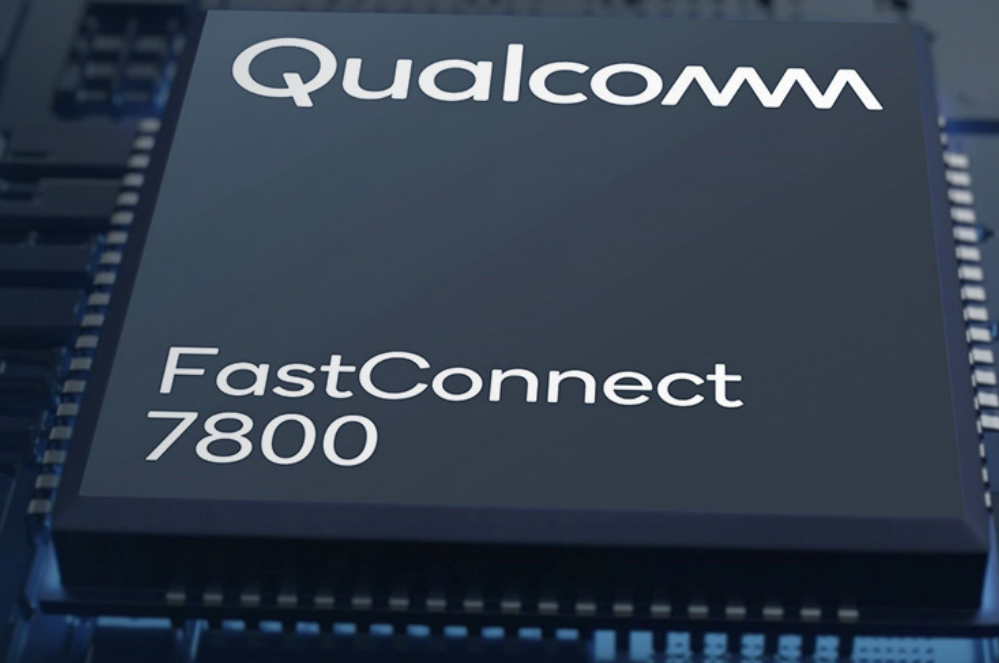
World's first and fastest Wi-Fi 7 commercial solution

The most advanced connectivity system

Breakthrough high-band simultaneous technology

Snapdragon Sound with Intelligent Dual Bluetooth

Peak speeds of 5.8 Gbps

A close-up, high-angle shot of a Qualcomm FastConnect 7800 chip. The chip is a dark, square integrated circuit with a grid of gold pins around its perimeter. It is set against a blurred background of a circuit board. The Qualcomm logo and 'FastConnect 7800' text are printed in white on the top surface of the chip.

Qualcomm

FastConnect
7800



Snapdragon
X70 5G modem-RF

World's first 5G modem-RF system with integrated AI processor

Advancing Snapdragon Connect
5G performance to fuel a new era
of intelligent 5G connectivity

Qualcomm mmWave Module, Qualcomm 5G AI Processor, Qualcomm 5G AI Suite, Qualcomm 5G PowerSave, and Qualcomm 5G Ultra-Low Latency Suite are products of Qualcomm Technologies, Inc. and/or its subsidiaries.



10 Gigabit
5G

Qualcomm®
5G AI Suite

Qualcomm® 5G
PowerSave Gen 3

Qualcomm® 5G
Ultra-Low Latency Suite

4x downlink sub-6
carrier aggregation



Snapdragon
connect



Snapdragon
X70 5G modem-RF



Enhancing Snapdragon Connect

Realizing the full potential of 5G with mmWave





5G mmWave Accelerator Initiative



Booth @ MWC

Hall 4 | Booth 4A15
Fira Gran Via

5G mmWave Summit

Wednesday, March 2nd @ 10am | CC3.13, Upper Floor, Hall 3
Fira Gran Via

Expanding breadth, availability of 5G mmWave devices

150+

5G mmWave devices
launched or announced
by 50+ vendors

5G smartphones



PCs



Hotspots



Modules



CPEs



Bringing greater performance to fixed wireless networks with 5G mmWave

Qualcomm
5G fixed wireless
access platform
Gen 2

Feature upgrades provide advanced capabilities for greater operator flexibility to accelerate FWA adoption

Qualcomm RF Sensing Suite for high performance mmWave, self-installed CPEs

Standalone 5G mmWave support

FASTWEB

Collaborating to commercialize 5G standalone mmWave for fixed wireless services in Italy

Bringing the full potential of 5G FWA to Italian homes and businesses

Powerful solution for bridging the digital divide

125+ FWA designs announced or in development by 40+ OEMs

Opportunities beyond smartphones



Our key growth areas



Next-gen
Arm PCs



XR /
Metaverse



Automotive



Industrial
transformation



Modern
5G network



Driving the inevitable
shift to Windows on Arm





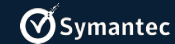
Expanding the Snapdragon Compute enterprise ecosystem

Enterprise



225+
enterprises

ISVs



100+
ISVs

Channel



15+
channel partners

Operators



10+
operators



Enabling a new era of enterprise-grade PCs

Lenovo ThinkPad X13s
first to launch on
Snapdragon 8cx Gen 3





Your ticket to the metaverse





Accelerating new, immersive XR experiences

XR devices

Software platforms

Developer tools



Snapdragon
digital chassis



Snapdragon
car-to-cloud



Snapdragon
cockpit platform



Snapdragon
ride platform



Snapdragon
auto connectivity platform

Accelerating
automotive
innovation



Snapdragon Digital Chassis and Snapdragon Car-to-Cloud are products of Qualcomm Technologies, Inc. and/or its subsidiaries.



Snapdragon
digital chassis

Bringing new capabilities to the digital chassis

Supporting the development, delivery of new cloud-connected digital services



Snapdragon
car-to-cloud

Connectivity-as-a-Service

Global connectivity support

Integrated analytics

Cloud-enhanced apps and services



Snapdragon
auto connectivity platform

Snapdragon Telematics Applications Framework

Simplifies application development

Leverage telematics functionality across all Snapdragon Digital Chassis platforms

Wi-Fi 6E Automotive Chipset

4-stream dual-band simultaneous

Integrated Bluetooth with LE Audio

Advancing digital transformation across industries



GSMA 5G Transformation Hub

Showcasing the world's most innovative 5G solutions

ENERGY
Wind Farms



INDUSTRY
Construction



INDUSTRY
Industrial Robots



SPORTS
5G Stadiums



TRAVEL
Subways



GOVERNMENT
Smart Cities



Visit us at MWC and learn more at [GSMA.com/5GHub](https://www.gsma.com/5GHub)

Collaborating to accelerate industrial innovation



Developing solutions to transform the electric grid to unleash a new era of smart utilities

Making grids greener, more reliable, and easier to maintain



Research collaboration to accelerate evolution to Industry 4.0 with 5G for new industrial automation use cases

Efforts to focus on new mission-critical use cases enabled by 3GPP Release 16

Architecting the modern 5G network across operators and enterprise



Simplifying the deployment of 5G private networks



Collaboration on new end-to-end, chip-to-cloud solution for deployment of private 5G enterprise networks.

5G Private Network Partner Ecosystem Program

Offers end-to-end, pre-integrated 5G private network solutions for vertical-specific use cases

Qualcomm® Private Networks RAN Automation Platform

Cloud-based solution to streamline planning, deploying, monitoring, optimizing, and providing automated RAN operations

Driving the evolution to open, virtualized 5G RAN



**Hewlett Packard
Enterprise**

Next-generation 5G
virtual DU solution

First fully optimized vDU solution
with up to 60% lower operator TCO

MAVENIR™

Next-generation 5G DUs and
RUs with massive MIMO for
Open RAN 5G deployments

Solutions to enable the deployment
of cloud-native, virtualized, and
open 5G networks at scale

Rakuten Symphony

Next-generation 5G mmWave
integrated DU and RU for
Open RAN 5G deployments

Developed under NTT DOCOMO's
5G OREC initiative

FUJITSU

Qualcomm Product, R&D Demos @ MWC

Visit our booth in
Hall 3, Booth 3E10
to learn more

Product Demos



5G + AI



5G mmWave and
spectrum aggregation



5G global
multi-SIM



Qualcomm® 5G
RAN Platforms



Wi-Fi 7 HBS
Multi-Link

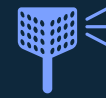
R&D Demos



Advanced
MIMO evolution



Green, energy
efficient networks



Mobile mmWave
evolution



Ticket to the
Metaverse



5G
positioning



Industrial 5G
networks



Industrial
precise positioning



Wide-area
IoT expansion



AI-enabled 5G
air interface design



Advanced
C-V2X

Announcements Summary

One Technology Roadmap

Snapdragon Connect Delivers the Connected Experiences Your Devices Deserve

Snapdragon Sound Continues to Redefine the Wireless Listening Experience with the Addition of Two New Audio Platforms

Qualcomm Extends Connectivity Leadership with World's First and Fastest Wi-Fi 7 Commercial Solution

New Snapdragon X70 Modem-RF Harnesses World's First 5G AI Processor for Industry Leading Performance and Experiences

Mobile Compute

Qualcomm Expands Snapdragon Compute Ecosystem for the Next-Generation of Enterprise-Grade PCs

Qualcomm Accelerates 5G Adoption Across PCs with New Turnkey 5G Modules

Automotive

Qualcomm Unveils New Snapdragon Digital Chassis Connected Car Technologies to Accelerate the Future of Automotive

Industrial Transformation

Qualcomm and Gridspertise Collaborate to Transform the Electric Grid, Unleashing a New Era of Smart Utilities

Qualcomm and Bosch Rexroth Showcase Industrial Automation with Time-Synchronized Applications over Live 3.75 GHz 5G Private Network

The Modern 5G Network

Qualcomm Simplifies Private 5G Network Deployment and Management with New RAN Automation Platform and Partner Program

Qualcomm and Microsoft Transform Enterprise Connectivity with End-to-End 5G Private Network Offering

Mavenir and Qualcomm Accelerate Next Generation 5G Infrastructure with Expanded Portfolio of Open RAN Solutions

Qualcomm Unveils Fully-Integrated Open RAN Solution in collaboration with FUJITSU for 5G mmWave Proliferation

Qualcomm Propels Global Expansion of 5G Fixed Wireless Access with Introduction of Next-Generation Features

Fastweb and Qualcomm Announce Collaboration to Commercialize 5G Standalone mmWave Services in Italy

Product & Technology Showcase

Qualcomm Continues its 5G Leadership, Unveils New Product Innovations at Mobile World Congress Barcelona

Qualcomm Showcases Future Technology Roadmap to Drive the Connected Intelligent Edge and Lead the World to 5G Advanced and Beyond

Thank you



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