



Connected intelligent edge

Mobile

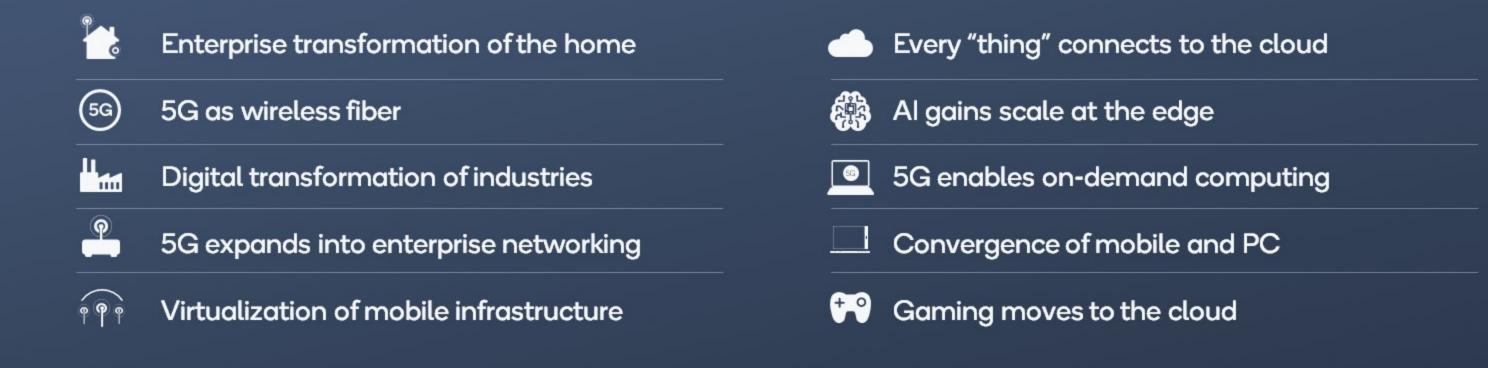
Enabling a world where everyone and everything is intelligently connected

BY 2025



of data will be created outside of traditional data centers. More data at the edge requires more local processing and intelligence.

Key industry trends are driving demand for Qualcomm technologies





Uniquely positioned to grow across multiple industries in addition to handsets



One technology roadmap that scales to address all growth vectors







On-device

intelligence

Camera

High performance, low power

GPU

Graphics



Processing



Connectivity

Everything wireless





Addressable market expansion in the next decade

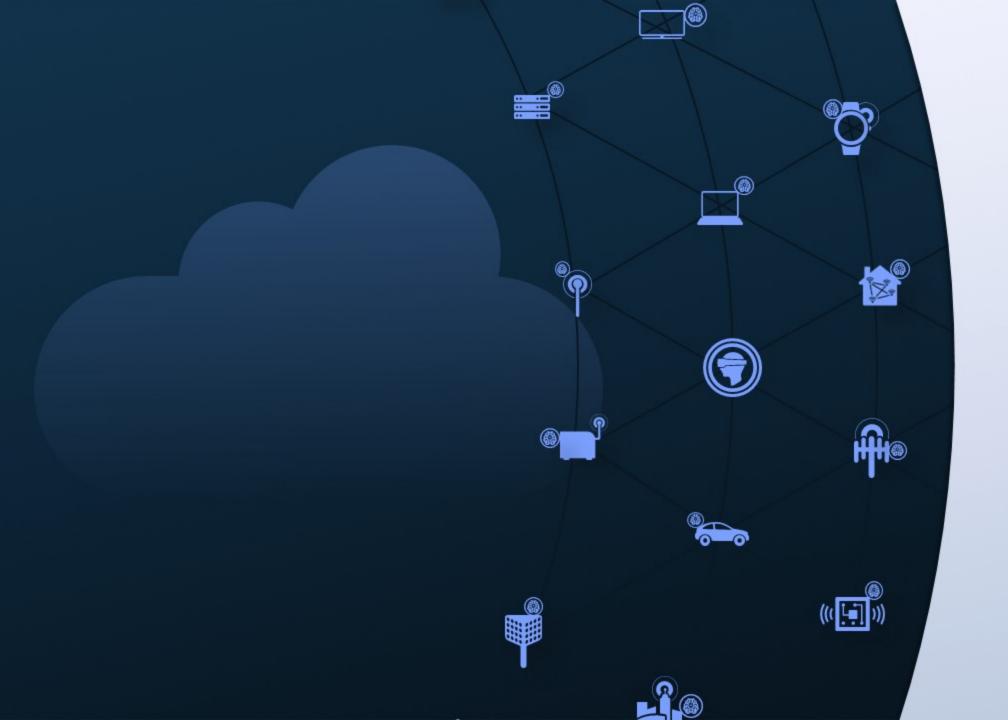


~\$100B¹

Premium- and high-end Android RFFE Automotive IoT \$700B²
Connected

intelligent edge

Cloud growth requires the connected intelligent edge



Cloud growing at

35%

year-over-year

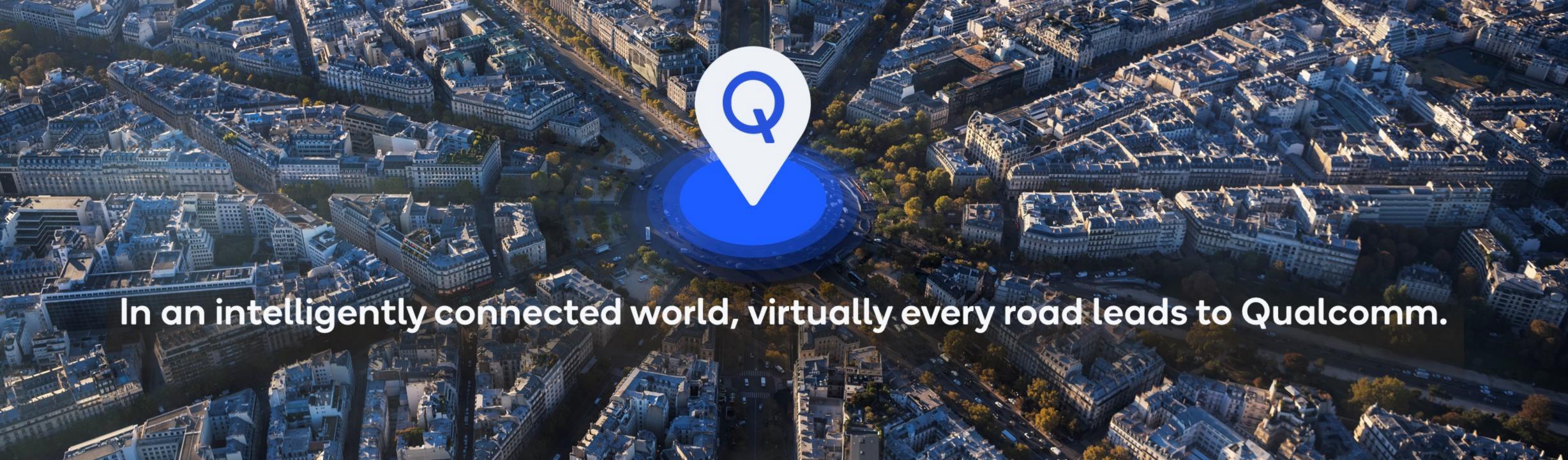
We are at the beginning of one of the largest opportunities in our history

Industry trends creating new vectors of growth Demand for our technologies across virtually every industry

One technology roadmap drives earnings expansion

Focused on customers and industries that drive stable, long-term revenues

Expanding TAM and diversification while increasing margins and stockholder returns





Our strategy

Handsets

Snapdragon is the platform of choice for premium- and high-tier Android smartphones



RF front-end

Redefine connectivity as modem + RF front-end and expand across industries



Automotive

Preferred partner for the digital chassis



loT

Connectivity and smart processing for the cloud-connected edge

Enabled by one technology roadmap

Snapdragon is the platform of choice for premium- and high-tier Android smartphones





Consumer preference

Mobile platform for Android¹



∤1 Mo





1 Modem-RF

Performance and key features³



V

Peak performance, Wi-Fi 6/6E⁴



1 AI

Performance per watt⁵



#1

Sound

D lossless audio over Bluetooth⁶



1 Camera

Leading DXOMARK ratings⁷





...while delivering all-day battery life⁸

^{1.} Qualcomm global brand tracker; 2. Internal competitive analysis; 3. First-announced 10 Gigabit 5G and 3GPP Release 16 Modem-RF System; 4. Fastest Wi-Fi peak speeds in commercially available device and access point chipsets; 5. Internal competitive analysis; 6. First-announced CD lossless audio codec over Bluetooth; 7. DXOMARK ratings for devices based on Snapdragon; 8. Battery life varies significantly with settings, usage and other factors. Snapdragon Elite Gaming and Snapdragon Sound are products of Qualcomm Technologies, Inc. and/or its subsidiaries



The power of the Snapdragon brand













preferred global smartphone mobile processor brand¹

Snapdragon brand value would place it within Interbrand's top 100 brands²

awareness in China and India¹

mobile processor fan community³ (Snapdragon Insiders)



Two-year

customer commitments for premium and high-tier handsets

HONOR

vivo

oppo

SAMSUNG

Design wins across tiers for 2022

Worldwide volume



Galaxy Z Fold series



Galaxy Z Flip series

40-50% volume



Galaxy S series

Redefine connectivity as modem + RF front-end and expand across industries

RF front-end positioned to be the global revenue leader Exceeded 2019 Analyst Day target

1 year early

RF front-end handset revenue in FY21

#1 in industry

SAMSUNG

VIVO

oppo

MI

HONOR

Lenovo

SONY

ZTE

SHARP

邼

∞ Meta

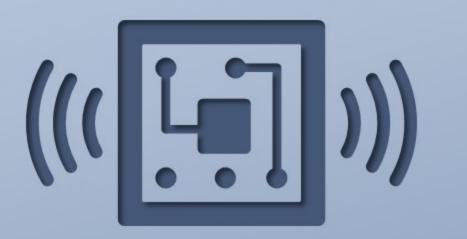
acer

Airspan





Performance leadership and scale across product categories



Power tracking

Power amplifier modules

mmWave

Antenna tuner

Low-noise amplifier

Diversity modules

Discrete filters

8 Billion

Total RF front-end units shipped in FY21

>300 Million

Units shipped of each component in FY21

Expansion of RF front-end



Global adoption of mmWave



Extend modem + RF strategy to Wi-Fi



Attach RF front-end to automotive and IoT

The preferred partner for the digital chassis



























A NIO

X

PEUGEOT



















H

HONDA



8

HYUDDAI













CHEVROLET





A leader in automotive

connectivity and premium next-gen infotainment¹



have selected Snapdragon Cockpit platforms

Well-positioned in ADAS

with telematics, cockpit assets and pending Arriver² acquisition

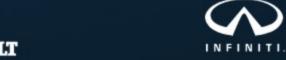














^{1.} Internal sales data, infotainment for production cars starting in 2020;

^{2.} Arriver expected to close in 2022, subject to regulatory approval and other closing conditions. Snapdragon Automotive Cockpit Platforms are products of Qualcomm Technologies, Inc. and/or its subsidiaries Source: Internal data





Pre-integrate software and services platforms to drive new monetization models



A platform for the future of automotive





Transform the in-car experience and provide window to services



Transition industry to 5G connected car and intelligent transportation >10x

Future silicon + software opportunity per car across telematics, digital cockpit and ADAS



Snapdragon ride platform

Scale ADAS L2+ with Arriver¹ and integrate platform into digital chassis

1. Arriver expected to close in 2022, subject to regulatory approval and other closing conditions

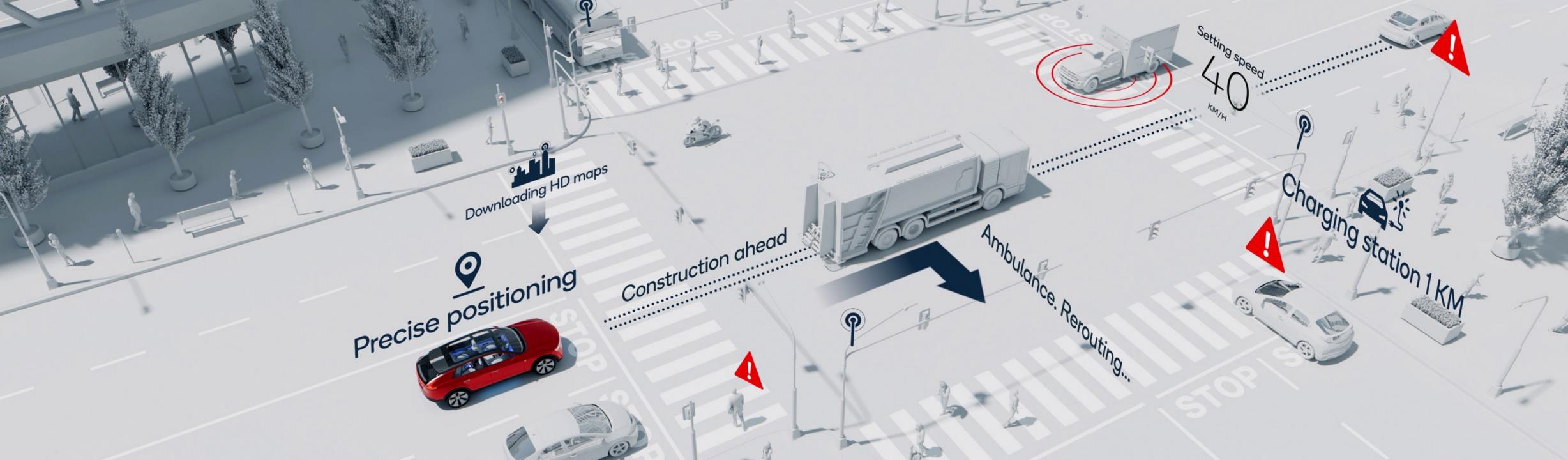
Source: Internal estimate; Snapdragon digital chassis, Snapdragon car-to-cloud, Snapdragon ride platform, Snapdragon cockpit platform, and Snapdragon auto 5G modem-RF are products of Qualcomm Technologies, Inc. and/or its subsidiaries



"GM is in the midst of a transformation driven by technology with the ultimate goal of enabling zero emissions, zero congestion, and zero crashes.

Qualcomm's Snapdragon Automotive hardware and software platforms are key to enabling a series of exciting new and enhanced technology offerings in 2022 and beyond from software-enabled services to advanced driver assistance systems like Super Cruise."

SCOTT MILLER
VP, SOFTWARE DEFINED VEHICLE AND OPERATING SYSTEM, GENERAL MOTORS

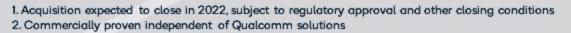




Qualcomm + -/\rrii/er

Scalable Proven² Open







Front and surround vision

Drive policy

Parking

Driver monitoring

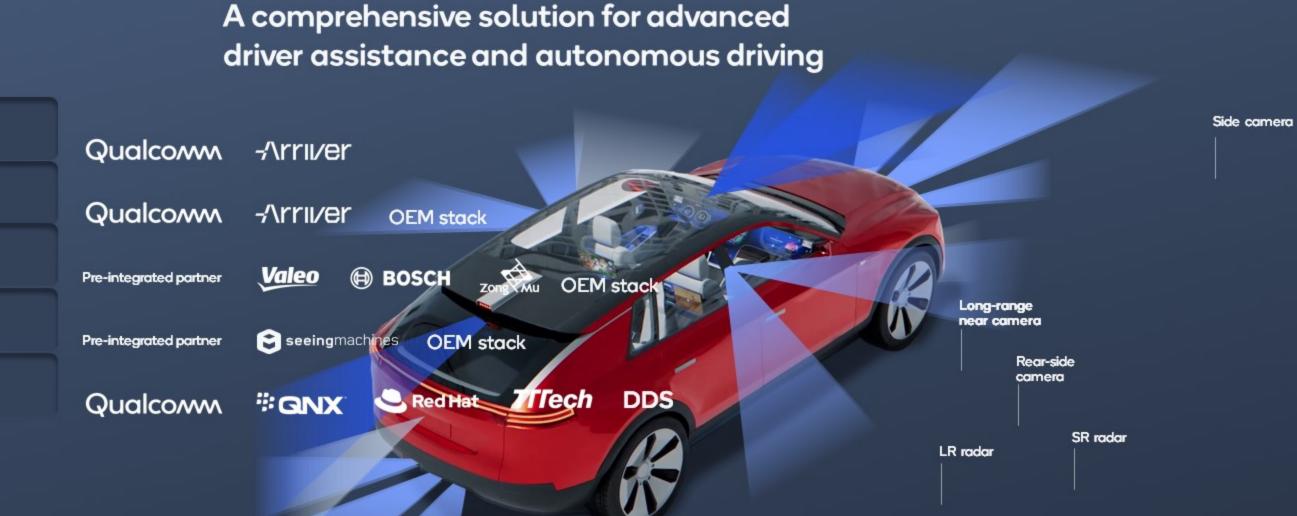
Safe OS | SDKs | Middleware



Scalable L1 to L3 ADAS SoCs



L3/L4 ADAS Accelerator







Qualcomm

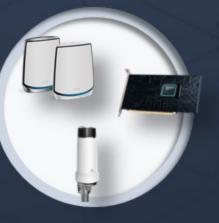
"BMW has chosen Qualcomm Technologies as our technology partner and systems solutions provider based on the company's breadth and depth of portfolio, as well as proven expertise in compute, connectivity, computer vision, advanced semiconductors and driver assistance technologies.

We look forward to working in direct relationship with Qualcomm Technologies to build our next-generation ADAS/AD platform, as well as to continue delivering world-class driving experiences to our customers."

NICOLAI MARTIN SVP DRIVING EXPERIENCE, BMW GROUP Connectivity and smart processing for the cloud-connected edge



Consumer IoT



loT Edge Networking

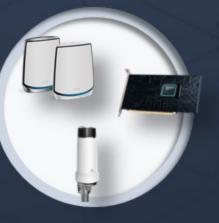


Industrial IoT

Connectivity and smart processing for the cloud-connected edge



Consumer IoT



loT Edge Networking



Industrial IoT

Always connected IoT Next High performance, low power

On-device intelligence

Consumer



Compute

Wearables



XR

Consumer

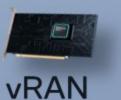
Edge Networking



5G wireless fiber



Wi-Fi access points



infrastructure

Industrial



Retail



Smart cities



Energy



Manufacturing

Delivering advanced technologies for new consumer experiences



Accelerating wearables and next-generation consumer electronics





Expanding the

Snapdragon

platform with

attached devices







































"At Amazon, we invent on behalf of customers. Our vision is a world powered by ambient intelligence, where we use AI to weave together devices and services in a way that offers customers more value than any one product could on its own. Qualcomm's technologies help us realize this vision, delivering world class solutions that make it a reality across multiple products, and support our advancements in the fields of connectivity, AI, and computing on the edge."

DAVE LIMP
SENIOR VICE PRESIDENT, AMAZON DEVICES & SERVICES

Driving convergence of mobile and PC

Snapdragon enables the next-generation laptop

Always connected¹

Enterprise anywhere

On-demand computing

Immersive video conferencing

- Advanced camera
- Crystal-clear audio

5G cloud gaming



Multi-day battery life²

Leading performance per watt³

















Positioned to be the preferred platform for PCs in the inevitable transition to Arm

Next-gen CPU

Designed to lead in performance and power efficiency

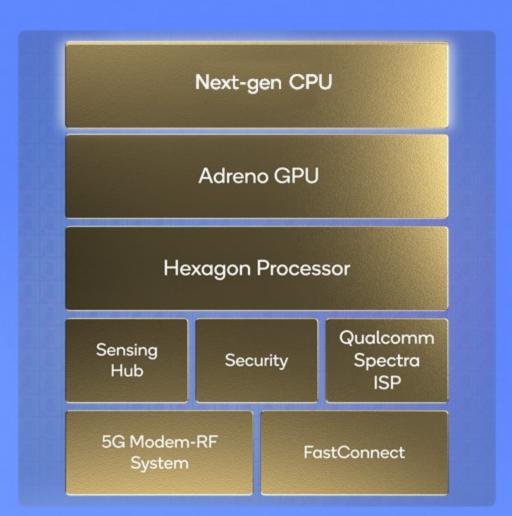
Industry-leading Nuvia team

Adreno GPU²

Discrete-like graphics performance Leader in performance per watt

Al Engine²

Most power-efficient inference processing



5G1

World's best modem-RF system

Superior energy efficiency

Wi-Fi, Bluetooth, location

Comprehensive connectivity

Camera and audio³

Leading mobile image quality

Advanced audio features

Display and video4

Best-in-class Android picture quality



"With the introduction of Windows 11, Surface Duo 2 with 5G, and the new Surface Pro X, it's been a big year for Microsoft and Qualcomm's partnership. As we look to a future of more connected computing, we have an amazing opportunity with Arm-based PCs and other innovations to transform and bring incredible experiences that are more mobile and personal to Surface and the Windows ecosystem."

PANOS PANAY
CHIEF PRODUCT OFFICER, MICROSOFT

Creating the next computing platform with XR













VIVE















Snapdragon spaces

The Snapdragon Spaces XR Developer Platform

paves the way to a new frontier of spatial computing

Snapdragon XR2 named one of TIME's 2021 Best Inventions



INVENTIONS 2021

Powering the Metaverse

The Best Inventions of 2021
THE BEST INVENTIONS OF 2021

6- BACK TO HOME

Qualcomm Snapdragon XR2 Platform



th tech companies like Meta—previously known as Facebook—going full steam ahead on augmented and virtual reality (AR-VR), or what some call the Metaverse, the need for high-speed mobile processors capable of running AR-VR applications is obvious. Enter Qualcomm's XR2 processor, the first mobile AR-VR

















Optimized high-performance, low-power hardware, perception algorithms and software platforms







"We have been working on this with Qualcomm for years, and Quest 2 is the first major consumer device that runs on the Snapdragon XR2 platform. It's fully customized for VR and AR with support for multiple cameras and technology like fixed foveated rendering. The end result is a more immersive experience with crisper graphics, more dynamic environments and ultimately...a more realistic feeling of presence."

MARK ZUCKERBERG
CHIEF EXECUTIVE OFFICER OF META AT FACEBOOK CONNECT 2020

Architecting the modern network



5G as wireless fiber is gaining scale

One of the fastest-growing last-mile broadband technologies

750 Mbps 6.8 miles

Leading performance



Extended-range mmWave



58

5G fixed wireless access providers¹

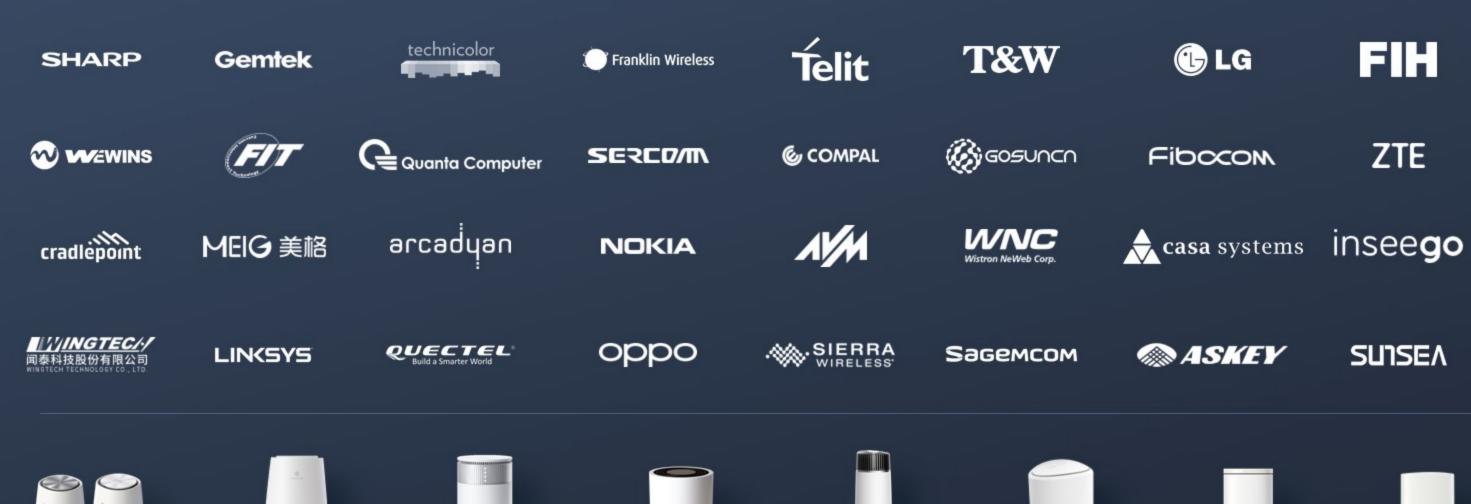
32

Countries¹

-25%

of global mobile network by 2026²

30+ Global OEMs



T--Mobile-

"As T-Mobile is building our 5G network that will deliver fast and reliable connectivity to consumers and businesses across the U.S., Qualcomm Fixed Wireless Access products will be an integral component. Qualcomm is providing key technology that will enable us to deliver ultra-fast 5G with gigabit peak speeds and low-latency connectivity for the rapidly growing number of smart, connected devices serving homes, small businesses, schools and beyond."

MIKE SIEVERT
PRESIDENT AND CHIEF EXECUTIVE OFFICER, T-MOBILE

Driving the evolution of next-gen Wi-Fi networks

A leader in current- and nextgeneration high-performance access point solutions



Mesh deployments

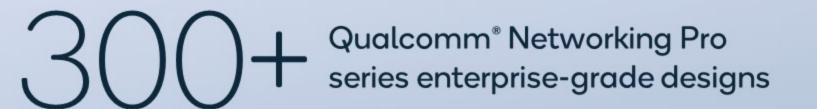


Cloud orchestrated



Wi-Fi 6/6E/7 with carrier upside expansion with 5G



















NETGEAR

Google

















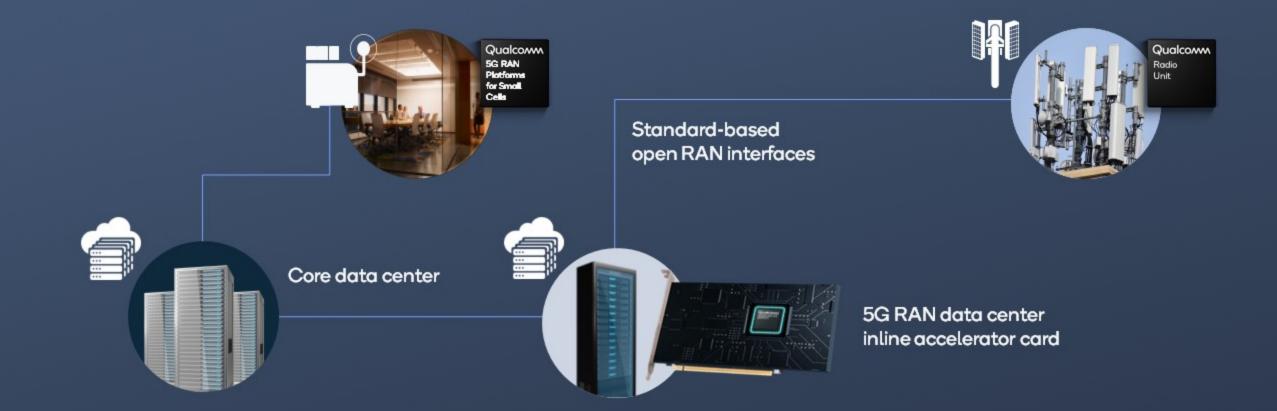


NETGEAR

"As a leader in networking for more than 25 years, NETGEAR is transforming the way we connect with the world by creating best-in-class products and services that leverage cutting-edge technology. By combining our industry experience and product design expertise with leadership in wireless networking technology from our longtime partner Qualcomm, we've been able to bring to market ground-breaking 5G and Wi-Fi edge networking solutions to meet the ever-changing needs of our customers."

PATRICK LO
CHAIRMAN AND CHIEF EXECUTIVE OFFICER, NETGEAR

The modern network is evolving to open and virtualized RAN



Qualcomm 5G RAN Platform

Builds on 5G expertise and strong ecosystem relationships

Fosters infrastructure innovation

Accelerates network adoption

Up to

50%

more energy efficient

Up to

50% lower TCO

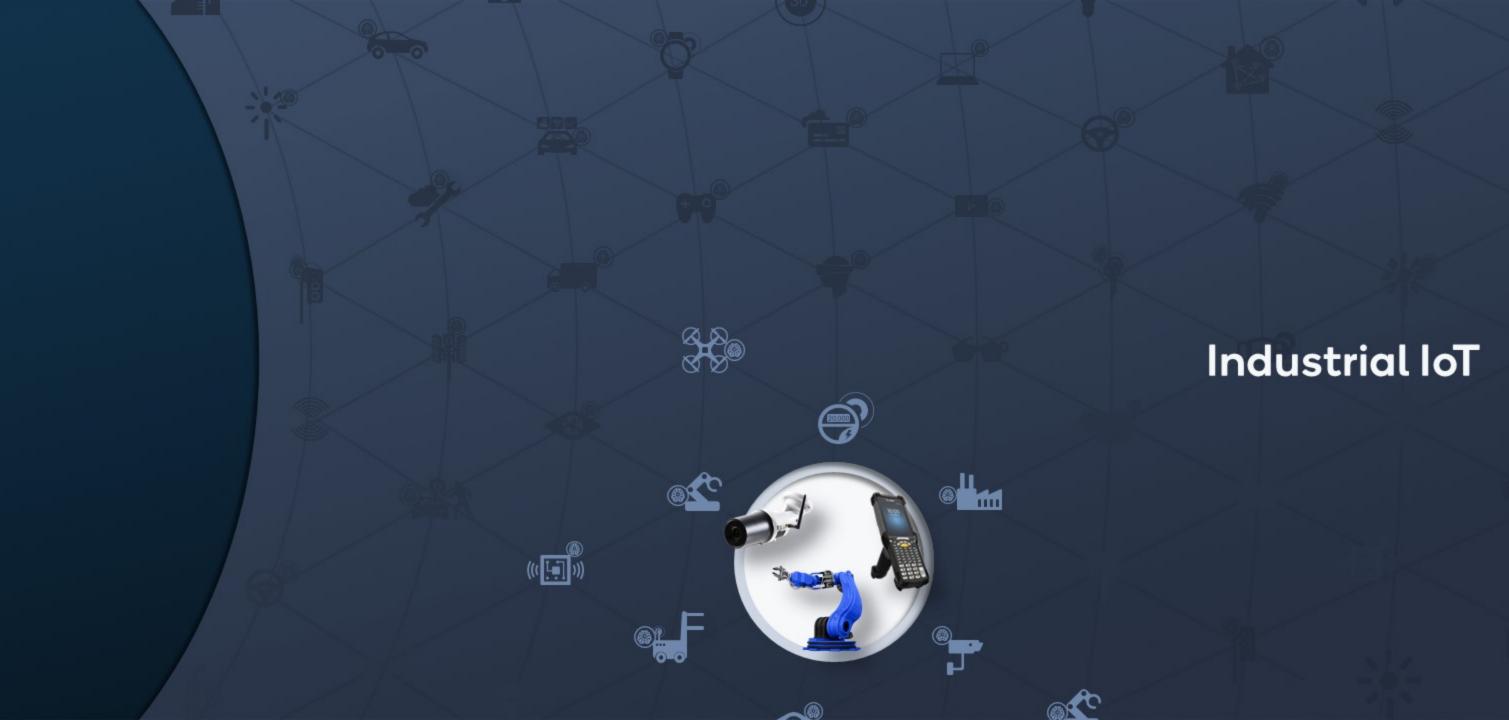


"We are excited about Qualcomm Technologies and NEC Corporation partnering to develop new-generation cloud-native 5G RAN technology. The development of 5G open and virtualized DU solutions will help drive our OREC activities to make 5G RAN deployment more open and flexible with industry leaders."

SADAYUKI ABETA

VP, GENERAL MANAGER, RADIO ACCESS NETWORK DEVELOPMENT DEPARTMENT, NTT DOCOMO

Powering the digital transformation of industries









Smart Times Square Experience

"We are looking forward to working with Qualcomm Technologies to deliver an extraordinary digital experience at TSX Broadway. Bringing the full spectrum of smart technology to our building and Times Square will allow us to celebrate the neighborhood's iconic entertainment history while unleashing a new era of innovation."

DAVID LEVINSON
CHAIRMAN AND CHIEF EXECUTIVE OFFICER, L&L HOLDING COMPANY

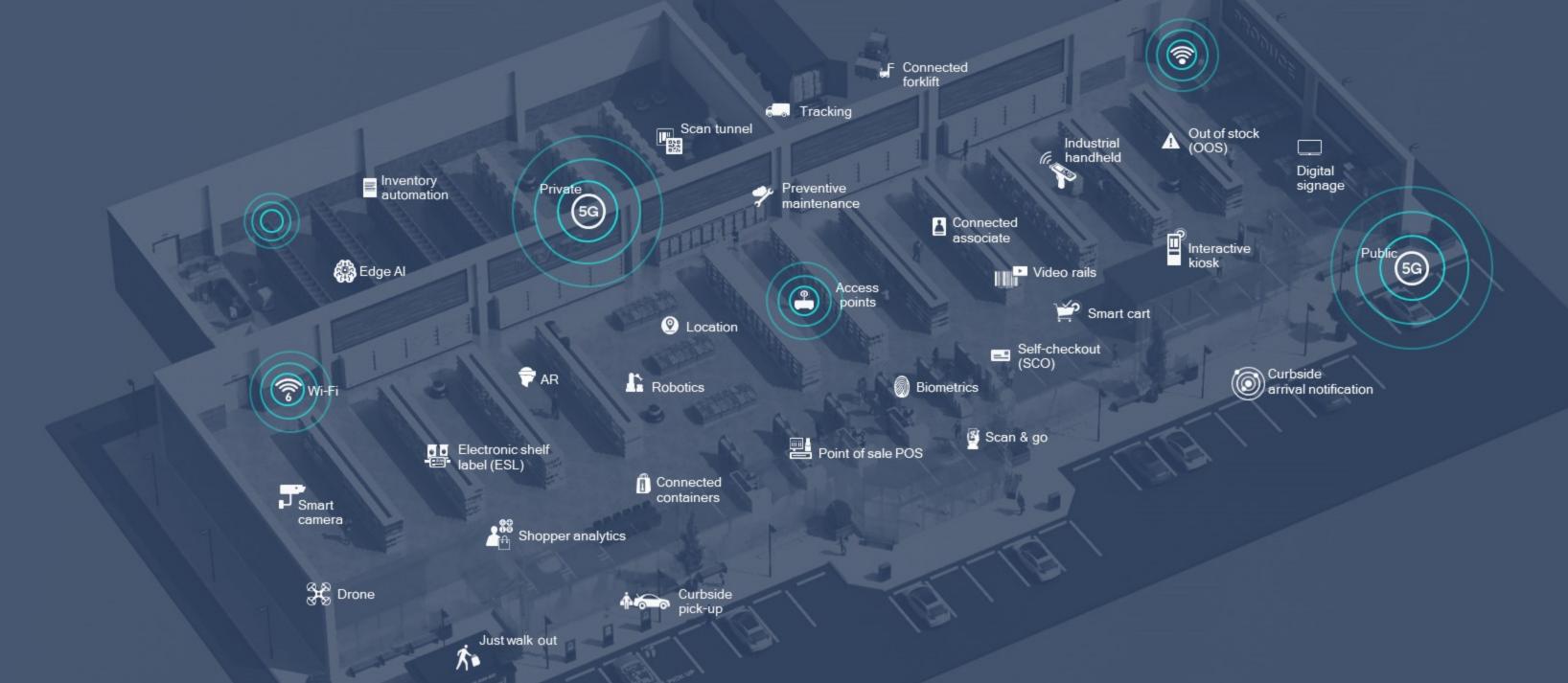
Reimagining the store at the edge

Enhanced experiences Improved operational efficiency Enhanced data



Reimagining the store at the edge

Enhanced experiences Improved operational efficiency Enhanced data



Walmart > <

"Walmart is reimagining the retail experience with a digital mindset—developing and deploying technology to help us continually find ways to enhance the experience we provide our customers while at the same time working to increase the enjoyment and productivity of our associates. Qualcomm is an important strategic partner, bringing next-generation technologies together in support of our mission to help people save money and live better."

DOUG MCMILLON
PRESIDENT AND CEO, WALMART INC.

Most significant opportunities within IoT



PC

Preferred partner for the future of Arm-based laptops



XR

Device partner of choice for the metaverse



Wireless Fiber

5G makes fixed wireless access a global reality



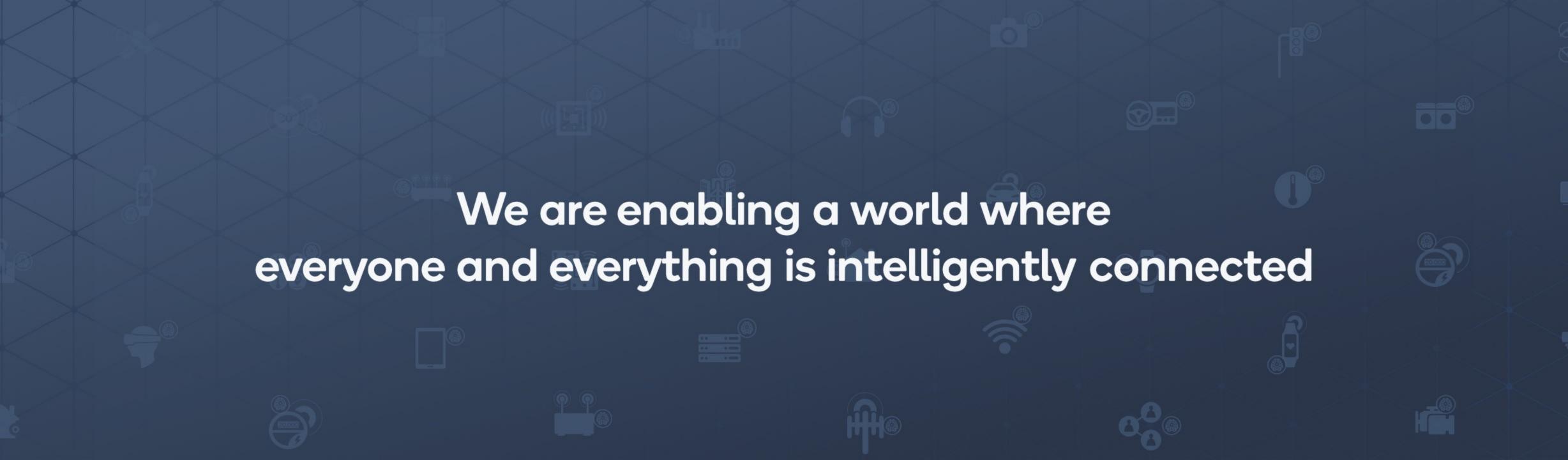
Industrial

Positioned to be the edge partner of choice for the cloud economy

Secular growth driven by next-generation computing platforms, 5G, digital transformation and Industry 4.0







Qualcomm





For more information, visit us at: www.qualcomm.com & www.qualcomm.com/blog

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Safe harbor

In addition to historical information, this presentation contains forward-looking statements that are inherently subject to risks and uncertainties, including but not limited to statements regarding: our business, product, technology, financial and acquisition strategies, priorities, plans, drivers, opportunities, outlook, estimates, targets and expectations; our growth opportunities, including in 5G, Handsets, RF Front-End, Automotive and IoT, and our being well positioned to take advantage of those opportunities; the continued evolution of 5G technology, including the anticipated timing of future 3GPP releases and the additional capabilities and use cases that will be enabled thereby; our technologies, technology leadership and technology roadmap; our products, product performance, product leadership, product pipeline, product mix and product roadmap; new product releases, announcements and design wins; the benefits of our technologies, products, business model and early investments in research and development; our business and share trends, as well as market and industry trends and their potential impact on our business and our positioning to take advantage thereof; our pending acquisition of Veoneer's Arriver business, including the timing and anticipated benefits thereof; anticipated demand for our products and technologies; supply issues, including anticipated improvements to the supply constraints affecting the industry and the timing thereof; our capital allocation strategy, including anticipated dividend growth and

share repurchases; our estimates for global handset and nonhandset shipments; our estimates, forecasts and guidance related to our financial results; and our goals relating to reduction of greenhouse gas emissions. Forward-looking statements are generally identified by words such as "estimates," "guidance," "expects," "anticipates," "intends," "plans," "believes," "seeks" and similar expressions. Actual results may differ materially from those referred to in the forward-looking statements due to a number of important factors, including but not limited to: the impact of the COVID-19 pandemic, and government policies and other measures designed to limit its spread; our dependence on a small number of customers and licensees, and particularly from their sale of premium-tier devices; our customers vertically integrating; a significant portion of our business being concentrated in China, which is exacerbated by U.S./China trade and national security tensions; our ability to extend our technologies and products into new and expanded product areas and industries and applications beyond mobile handsets; our strategic acquisitions, transactions and investments, and our ability to consummate strategic acquisitions; our dependence on a limited number of third-party suppliers; risks associated with the operation and control of our manufacturing facilities; security breaches of our information technology systems, or other misappropriation of our technology, intellectual property or other proprietary or confidential information; our ability to attract and

retain qualified employees, and to successfully operate under a hybrid working environment; the continued and future success of our licensing programs, which requires us to continue to evolve our patent portfolio and to renew or renegotiate license agreements that are expiring; efforts by some OEMs to avoid paying fair and reasonable royalties for the use of our intellectual property, and other attacks on our licensing business model; potential changes in our patent licensing practices, whether due to governmental investigations, legal challenges or otherwise; adverse rulings in governmental investigations or proceedings; our customers' and licensees' sales of products and services based on CDMA, OFDMA and other communications technologies, including 5G, and our customers' demand for our products based on these technologies; competition in an environment of rapid technological change, and our ability to adapt to such change and compete effectively; failures in our products or in the products of our customers or licensees, including those resulting from security vulnerabilities, defects or errors; difficulties in enforcing and protecting our intellectual property rights; claims by third parties that we infringe their intellectual property; our use of open source software; the cyclical nature of the semiconductor industry, declines in global, regional or local economic conditions, or our stock price and earnings volatility; our ability to comply with laws, regulations, policies and standards; our indebtedness; and potential tax liabilities. These and other risks are set forth in our

Annual Report on Form 10-K for the fiscal year ended September 26, 2021 filed with the SEC. Our reports filed with the SEC are available on our website at www.qualcomm.com. We undertake no obligation to update, or continue to provide information with respect to, any forward-looking statement or risk factor, whether as a result of new information, future events or otherwise.

This presentation includes "Non-GAAP financial measures" as that term is defined in Regulation G. Further discussion regarding our use of Non-GAAP financial measures, as well as the most directly comparable GAAP (accounting principles generally accepted in the United States) financial measures and information reconciling these Non-GAAP financial measures to our financial results prepared in accordance with GAAP, are included in this presentation.

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