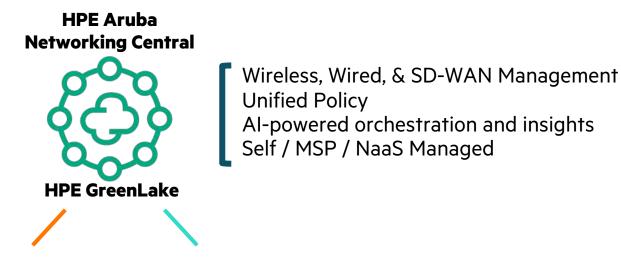


Who we are?

Expert in Enterprise Connectivity Unified cellular, Wi-Fi, wired technologies for seamless connectivity



Indoor/Outdoor Wi-Fi
Secure Guest Access with Air Pass
BLE/Zigbee IoT Connectivity





Indoor/Outdoor Private Cellular
Public Voice Services with Neutral Host
SLA-based IoT/IIoT Connectivity

2024 Gartner® Magic Quadrant™ for Enterprise Wired and Wireless LAN Infrastructure



HPE (Aruba) has been positioned as a Leader for the 18th consecutive time.

HPE Aruba Networking's 18 years of placement includes HPE (Aruba) in the Magic Quadrant for Wireless LAN Infrastructure from 2015-2024 (9 years, report not published in 2023), Aruba Networks in the same Magic Quadrant from 2012-2014 (3 years) and in the Magic Quadrant for Wireless LAN Infrastructure from 2006-2011 (5 years, report not published in 2009). Aruba Wireless Networks in the Magic Quadrant for Wireless LAN Infrastructure, 2005: Leaders and Challengers

This graphic was published by Gartner, Inc. as part of a larger research document and should be evaluated in the context of the entire document. The Gartner document is available upon request from HPE.

Gartner, Magic Quadrant for Enterprise Wired and Wireless LAN Infrastructure, Tim Zimmerman, Christian Canales, Nauman Raja, Mike Leibovitz, March 6, 2024. GARTNER is a registered trademark and service mark of Gartner and Magic Quadrant is a registered trademark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and are used herein with permission. All rights reserved. Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.



We often joke Wi-Fi as...



Wi-Fi Evolution

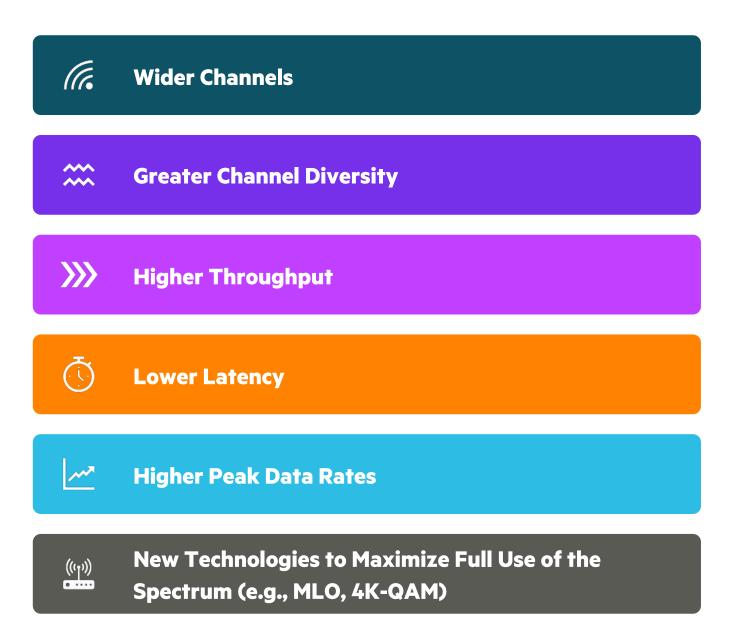
11be 25 years of constant evolution with faster speeds and density Wi-Fi 6E Date Rate: 9.6 Gbps (max) 2021 Prior to 6E: Spectrum shared in two bands 2.4 and 5 GHz 80, 160 MHz Channel Bonding OFDMA, UL, DL MU-MIMO 1024 OAM Extremely High 6E and Above: Spectrum shared in three bands 2.4, 5 and 6 GHz TWT 11ax throughput up to Wi-Fi 6 Date Rate: 7 Gbps (max) 3x speed of 80, 160 MHz Channel Bonding 2019 11ax 4 DL MU-MIMO 256 QAM New 6 GHz Band Multi-lane Date Rate: 600 Mbps (max) Wi-Fi 5 11ax 49 MHz Channel Bonding expressway for 4x4 MIMO 2013 Date Rate: 54 Mbps (max) Wi-Fi 64 QAM 20 MHz Channels 54 QAM More bandwidth High Efficiency Date Rate: 54 Mbps (max) Wi-Fi 4 2.4/5 GHz Band 20 MHz Channels 2009 Date Rate: 11 Mbps (max) 11ac 64 OAM 4x Capacity 20 MHz 5 GHz Band Wi-Fi 3 **OPSK** 2.4 GHz Band IoT Scale Wi-Fi 2 2004 11n Wi-Fi 1 Cellular like Determinism 2003 for high quality services 88 8 888 1999 11a/g Higher power efficiency to 11a accelerate IoT adoption 11b Extended outdoor range Better app. performance in high density deployments

Date Rate: 23 Gbps (max) 320 MHz Channel Bonding 4096 QAM MLO, MRU, R-TWT

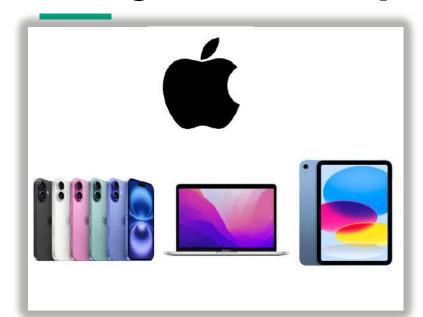
2024

Wi-Fi 7

6 GHz is the new Innovation Band



A huge device ecosystem is available today

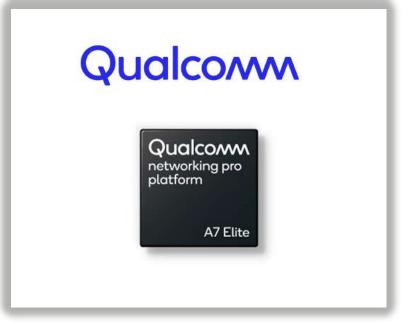






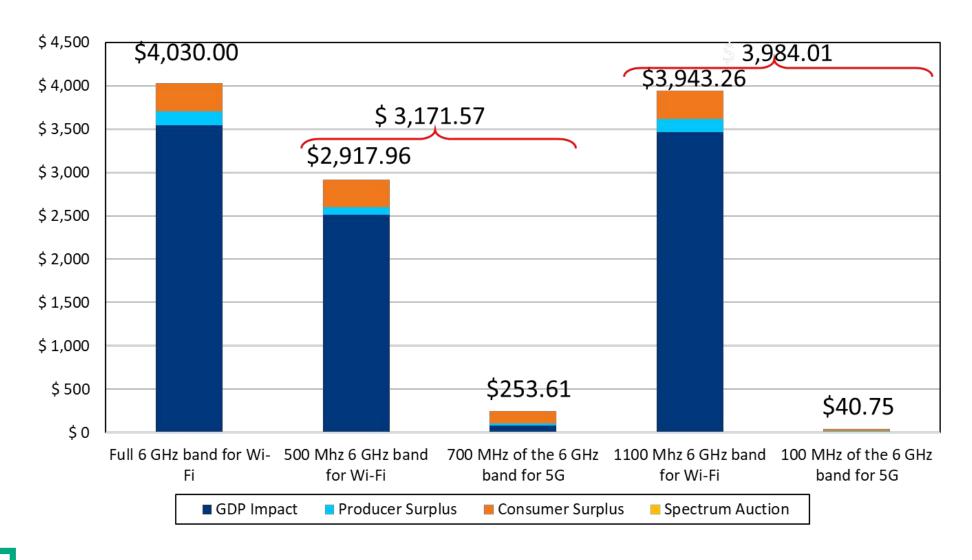






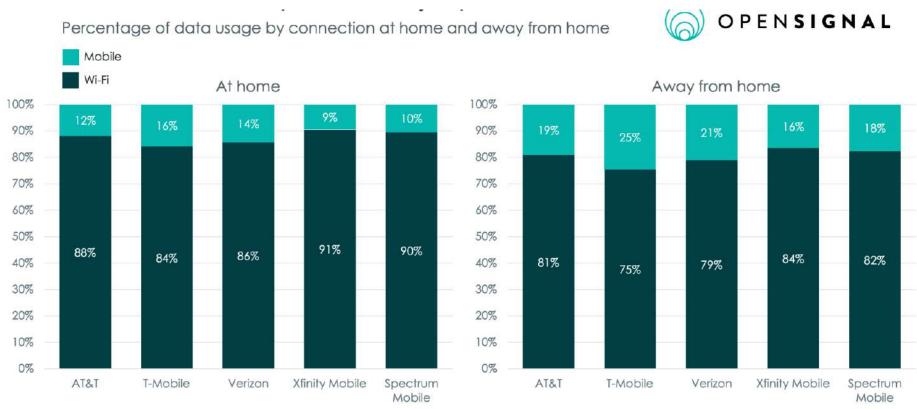
6 GHz Unlicensed (License-Exempt) Decisions This is unprecedented global momentum Russia Jan 2023 European Union Jun 2021 Canada May 2021 Japan Mar 2022 WK May 2021 Kazakhstan Oct 2024 **USA** South Korea Oct 2020 Apr 2020 Turkey Dec 2022 Morocco Jun 2021 Thailand Apr 2023 Mexico Feb 2023 Egypt Nov 2024 Philippines
July 2024 Brazil Feb 2021 Malaysia Jan 2022 India 2025 Colombia Oct 2022 **UAE** 1H 2021 Togo Jan 2023 Singapore May 2023 Indonesia Feb 2025 Peru Apr 2021 **Namibia** Kenya Jun 2022 Chile Oct 2020 South Africa May 2023 Argentina May 2023 **6 GHz Decision Australia** Mar 2022 **New Zealand Consultation / Study** Aug 2022 5.7B^{Citizens} 80%+ of global GDP Countries As of June 2025

6GHz Wi-Fi will bring huge economic value for India



Wi-Fi is the most used Internet access technology

- Research found in US mobile device data consumption occurs over Wi-Fi, around 90% across all operators.
- Even outside the home, users continue to rely heavily on Wi-Fi for data usage.

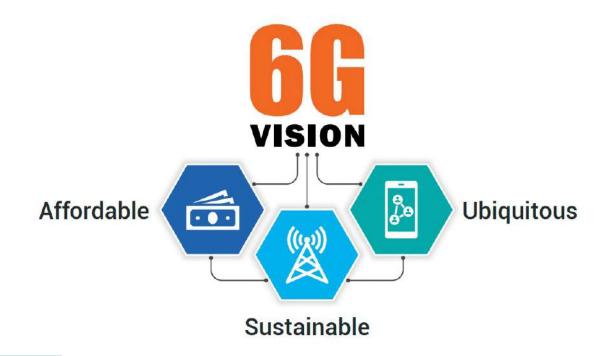


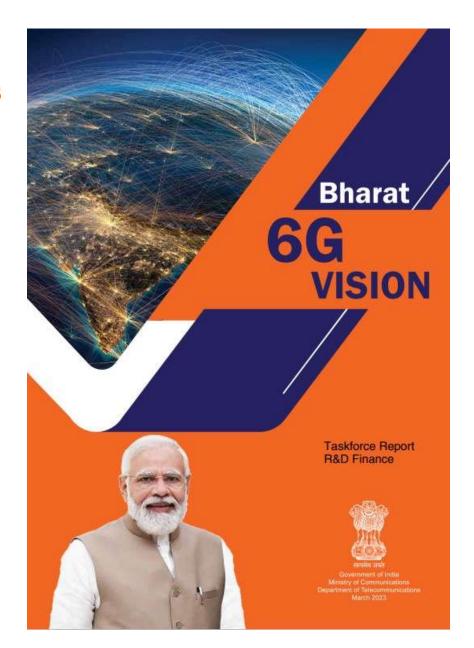
Data collection period: June 1st – August 29th, 2024 | © Opensignal Ltd Home location defined as the most reported location between times when users would likely be at home; i.e. 8 p.m. – 7 a.m. or weekends.

6GHz Wi-Fi underpins Bharat 6G vision

Digital India 2030 Mobile and Broadband Policy Objectives

90% household has access to high-speed broadband 50 Million public Wi-Fi Hotspots





HPE is ready to support India to achieve its 6G vision

