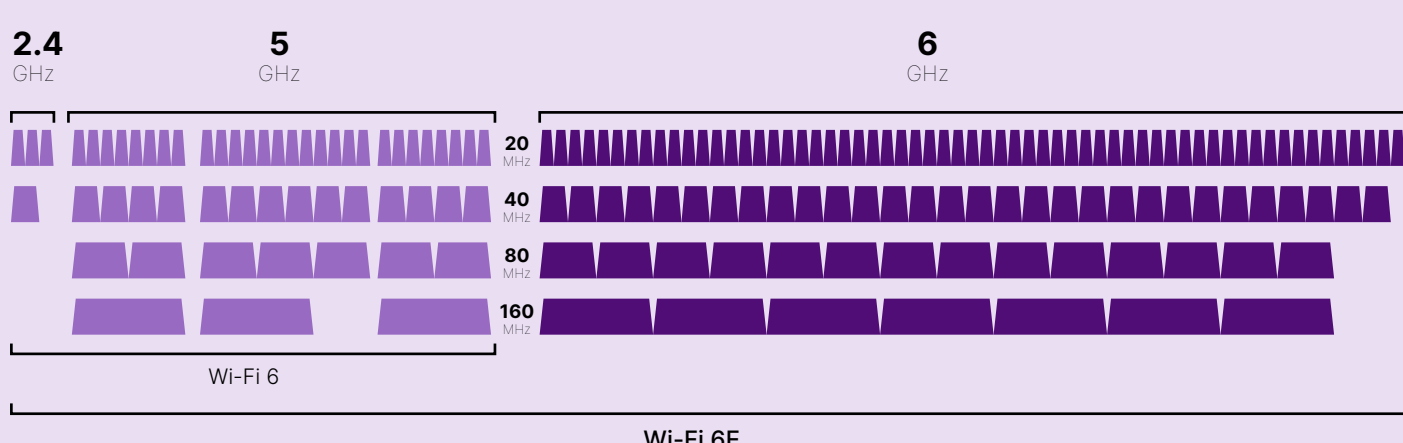


Wi-Fi 6E

Future of Next-Gen Connectivity

What is Wi-Fi 6E?

Wi-Fi 6E refers to Wi-Fi 6 products supporting 6GHz wireless spectrum.



59%

Mobile data traffic will be offloaded to Wi-Fi by 2022



20%

Wi-Fi 6 device shipments will support 6 GHz by 2022



\$4.9 T

Wi-Fi projects would reach by 2025



70%+

Global population will have mobile connectivity by 2023

Data courtesy: Wi-Fi Alliance/ Cisco/ Statista

Wi-Fi 6E Benefits

- ✓ Superlative speed than never before
- ✓ Supports advanced use cases of high-tech biometrics at airports, remote building management, and smart farming, among many others, due to extreme low-latency
- ✓ Fortifies enterprises' capability in addressing futuristic business disruptions
- ✓ Empowers motion tracking and environment mapping
- ✓ Efficient power utilisation
- ✓ Provides high-quality, wireless Extended Reality (AR, VR, MR) experiences

Wi-Fi 6E Features

- ✓ Multi-Gigabit bandwidth (up to 1.2 Gbps per data stream)
- ✓ Extremely low latency (targeting 2 milliseconds)
- ✓ Utilizes up to 14 additional 80 MHz channels or 7 additional 160 MHz channels
- ✓ Less congested airwaves
- ✓ Broader channels coverage
- ✓ Beamforming enables higher data rates increasing network capacity

Empowering xR Beyond Limits

- ✓ Multi-gigabit bandwidth and extremely low latency improve the user experience for xR (AR, VR, MR)
- ✓ Access to high bandwidth and low latency connectivity support for applications like unified communications, cloud computing, and telepresence, along with new technologies like holographic meetings
- ✓ Wi-Fi 6E enables next-generation technology- Tactile Internet, focuses on remotely accessing, perceiving, manipulating or controlling real or virtual objects or processes in real time by humans or machines

Thanks for your time

Drop us your query at ioenquiry@hfcl.com

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