

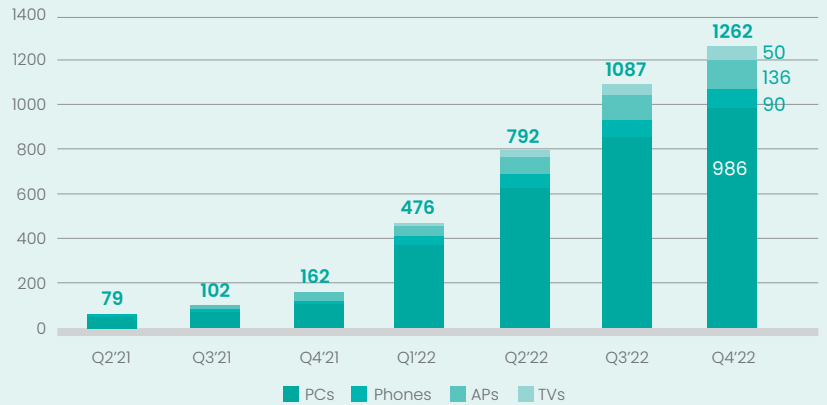
THE RAPID ROLLOUT OF WI-FI 6E

The number of Wi-Fi 6E devices, which can operate in the 6GHz band, is rising rapidly



There are now more than 980 Wi-Fi 6E PCs available, as well as 136 access points, 90 phones and 50 televisions, according to Intel*.

Q4 2022: PUBLIC WI-FI 6E TRACKER (ALL DEVICES)



TELCOs IN EMEA ARE BRINGING WI-FI 6E TO THEIR CUSTOMERS

Telcos across Europe, including Orange, Bouygues, Free, Swisscom, Vodafone and Deutsche Glasfaser, are rolling out Wi-Fi 6E routers.

In an online article, Vodafone wrote: "We've seen a Wi-Fi 4 router with a 500 Mbps full fibre line only able to provide a 110Mbps wireless signal. Replacing it with a brand spanking new Wi-Fi 6E model saw wireless speeds jump to 500Mbps."



IMMERSIVE NEW EXPERIENCES

Businesses are deploying Wi-Fi 6E to become more effective and efficient and to enrich their propositions. Liverpool FC, for example, is using Wi-Fi 6E to support the rollout of immersive new services, such as AR/VR.



WI-FI 6E DELIVERS A SIXFOLD INCREASE IN SPEED

Saudi Arabia's regulator, CST, has showcased Wi-Fi 6E delivering throughput of 2.4 Gbps to a single user, which it said was six times faster than a comparative test using Wi-Fi 5.



FAST FIBER CONNECTIONS WILL DRIVE FURTHER ADOPTION OF WI-FI 6E

10 Gbps 'Ultra Fiber' connections are now available for Proximus customers in parts of Belgium.

In Italy, wholesale network operator Open Fiber has tested 50G-PON technology, which allows theoretical download rates of up to 50Gbps.

Nokia and Etisalat UAE have demonstrated how a passive optical network can offer speeds of up to 100 Gbps on a single wavelength.