



## Smart, Innovative, Wi-Fi Solutions

### It's Wi-Fi Re-imagined

Wi-Fi is the digital foundation of the home and, due to its ubiquity, has already become the dominant wireless connectivity technology for the delivery of IoT.

Leveraging Wi-Fi smarts perfected in the home environment, Celeno offers advanced Wi-Fi chipsets and software solutions to deliver smart, innovative Wi-Fi connectivity and Wi-Fi Doppler Imaging technology into the realm of high-performance home networks, smart buildings, enterprise and industrial solutions. In IoT device-proliferated environments, Celeno fulfills the promise of a hyper-connected world and expands horizons for data-driven services.

Celeno's solutions deliver the best Wi-Fi User Experience, network manageability, and operational efficiency. Celeno's field-proven Wi-Fi chipsets and software have been successfully integrated into numerous OEM devices and have been deployed in tens of millions of homes around the world by almost 100 leading service providers worldwide. You'll find Celeno-based products deployed in home gateways, routers, set-top boxes, Wi-Fi extenders, IoT hubs, small cells, hotspots and industrial Wi-Fi devices, designed and manufactured by top OEM partners.

Celeno is headquartered in Ra'anana, Israel, with a global presence and offices.

### Silicon and Software Technologies

Celeno's extensive chip portfolio and ground-breaking software technologies are designed to excel in real life, highly-interfered, dense network scenarios, delivering the level of management, performance, speed, coverage, reliability and superlative user experience demanded by Wi-Fi users.

Our latest Wi-Fi 6 (802.11ax) and 6E (6GHz band) chip solutions deliver exceptional Wi-Fi network performance by employing a disruptive concurrent dual-band, dual transceiver, single chip architecture that can drive aggregated PHY Data Link speeds up to 6Gbps. The unique chip solutions can seamlessly double-function to simultaneously support Wi-Fi connectivity and Wi-Fi Doppler Imaging, or a dedicated spectrum intelligence engine.

### Wi-Fi Doppler Imaging

Celeno's Wi-Fi 6 chipset solutions contain inherent Wi-Fi Doppler Imaging support, providing an advanced breakthrough technology of combined connectivity and radar capabilities in a single chip. The unique offering empowers a variety of new applications and services in security, energy management, health, well-being, elderly care, assisted living, entertainment analytics, TV analytics, intrusion detection applications and many more.

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