

COMPLEX MAX

Innovative DAS Platform



**A Robust and Reliable Solution
that Meets Present and Future
IBS Needs**

Comba

The rising demand for ubiquitous mobile coverage and challenges to fulfill it

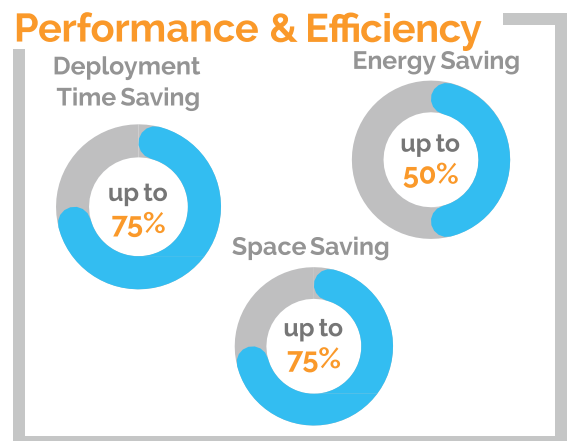
The rapid proliferation of mobile devices and the increasing integration of AI/ML, big data applications, and cloud services in indoor use cases are leading to a surge in demand for improved in-building wireless connectivity. As we enter the Phase 2 of 5G era, service providers and building owners face considerable challenges meeting this escalating demand.

To address this demand, it is necessary to prioritize the implementation of advanced and efficient solutions that not only enhance coverage but also bolster capacity. It is essential to cater to the needs of both consumer markets and private industries, ensuring seamless and ubiquitous mobile coverage for all. By embracing cutting-edge technologies and proactive strategies, they can successfully bridge the gap between the ever-growing demand and the need for reliable, high-speed connectivity in both public and private spaces.

ComFlex Max

Comba's new unified platform that encompasses everything needed for an efficient in-building solution.

Comba ComFlex Max is a unique, highly flexible, and scalable solution with advanced capabilities, designed to provide **top-notch indoor network coverage and performance** for all types of buildings.



Equipped with scenario-based radio design in 3 different power levels, ComFlex Max features unified platform supporting all variants, bringing more flexibility and reducing complexity in design and deployment.

Solving the puzzle with ComFlex Max

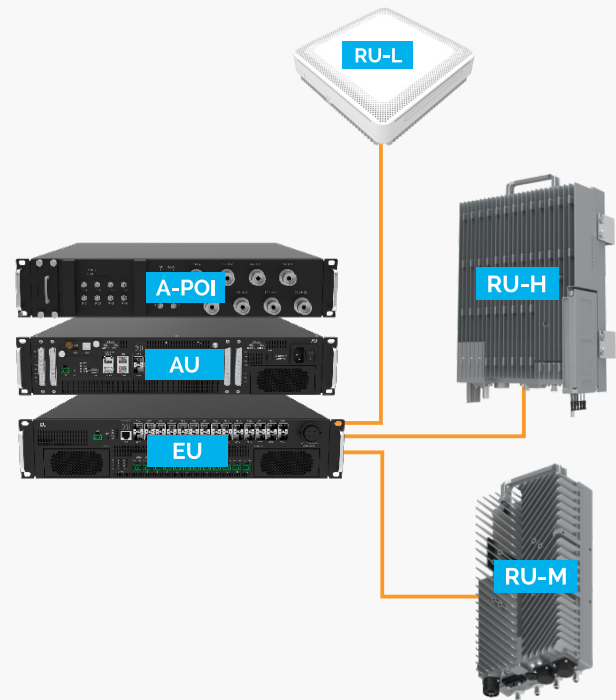
Incorporating 12 RF channels in the low power remote unit (RU-L), ComFlex Max enables four LTE + one NR band in a box. In order to accommodate wider bandwidth in 5G NR, ComFlex Max supports up to 300MHz per channel.



Fiber to Antenna Solution
IT cabling infrastructure requiring very little labor required, 4X4 MIMO, multi-bands, multi-operators



Fast Setup & Maintenance
Embedded software PIM test tool with Web GUI for remote management



The market's available active DAS radio units typically support up to 8 RF channels, posing challenges for service providers seeking wireless coverage in large venues. This limitation arises due to the extensive use of multiple frequency bands by mobile operators in the 5G era, typically 4 legacy bands and 1 sub-6G NR band. Meeting the requirements of large channel bandwidth and 4x4 MIMO on sub-6G NR band necessitates an additional DAS layer and overlay equipment, leading to increased space and power demands.

ComFlex Max integrates 12 RF channels into a single radio unit and supports **300MHz Instantaneous Bandwidth** per NR channel, reducing the need for multiple layers and saving space, power, and labor costs. Its IT-like architecture and end-to-end active design simplify link budget calculations and installations, leading to substantial **Total Cost of Ownership (TCO)** reductions. This makes it a valuable long-term investment for efficiency and success.



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