A Rugged, Resource-Optimized Solution
Compact, Flexible, Easy-to-Install DU

Airspan's rugged OpenRANGE DU (ORDU 300) provides onsite, centralized, and secured O-RAN DU architecture. It enables multi-RAT technologies with efficient resource utilization in a single box. It allows operators to deliver an enhanced user experience, while optimizing multiple RU's resource management with a single DU—thus reducing costs.

Beamforming and Beam Management
Uses codebook-based digital beamforming for improved coverage and spectral efficiency, including dynamic adaptation between open loop and close loop MIMO, based on radio link conditions. Uses AI/ML-based beam management algorithms driven by RIC xAPP for optimizing beam selection and configuration.

Cost Optimized
Greatly reduce costs compared to rented edge cloud infrastructure.

Flexible Solution and Open Architecture
Aggregates multiple RUs. It's O-RAN 7.2x and 3GPP Split 2 complaint, allowing multi-vendor architecture, with no need for an external site switch.

Network Intelligence
Reduce access network delays while providing advanced capabilities with slice-aware RAN. Private VM CU/UPF/MEC/AI enables third-party application hosting close to the edge.

Secure and Robust
Removes fronthaul DoS/DDoS associated risks, significantly reducing harmful manipulation of O-RAN fronthaul control traffic.

ORDU Smart Scheduler
A slice-aware scheduler allows efficient RB allocation per slice, along with a low-latency PFS (proportional fairness scheduler) per slice, and ML-based PFS for adaptive RB allocation.

Split **7.2x** Fronthaul   Split **2** Midhaul   Up to **10** Gbps

Need more information? Get in touch with the Airspan sales team by visiting airspan.com/contact.

Airspan is a multi-award winning 4G and 5G network densification solution provider with an expansive product portfolio of indoor and outdoor, compact Femto, Pico, Micro and Macro base stations—the perfect tool kit to exploit the full potential of technologies such as mmWave, Sub-6 GHz, Massive MIMO, and open V-RAN architectures, as well as an industry leading fixed wireless access and backhaul solution portfolio for PTP and PTMP applications.