475266A AirScale Capacity ABIO Technical datasheet

V1.1

ABIO AirScale Capacity

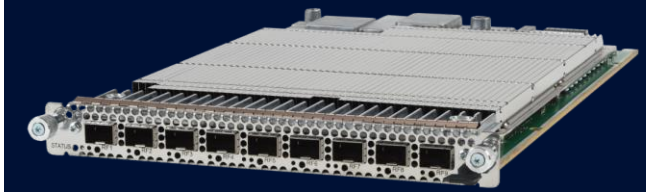
Technical data

Specification*	Details
RAT standards	LTE, 5G NR
Common unit support	ASIB, ASIL
Subrack compatibility	AMIA, AMOB, AMOD
Fronthaul interfaces	9x SFP28
Supported fronthaul interface types	eCPRI 10/25 Gbps, CPRI up to 9.8 Gbps, OBSAI 3/6 Gbps
L1 throughput DL/UL	14 Gbps/7 Gbps
Number of RRC Users	15 120
5G NR Wideband capacity	Up to 12 cells 100 MHz mMimo 32DL/16UL layers
LTE/5G NR Narrowband capacity	Up to 48 cells 2T2R or 4T4R
Diagonal link support	Yes
Dimensions (H x W x D)	25 mm x 219 mm x 364 mm
Weight	2.65 kg
Power consumption	Typical 160W [at 25°C according ETSI ES202 706] Max 270W [all ports with SFP's and cables at max ambient temperature]
Operational temperature range	-5°C to +55°C Front-to-Back airflow
Environmental protection	IP20, ETSI EN 300 019-1-3, class 3.1E

* HW specifications; capacity, performance and features subject to SW roadmap, configurations & traffic model and use case

ABIO AirScale Capacity unit benefits

- LTE/5G NR high-capacity plug-in unit
- 5G NR wideband and both LTE and 5G NR narrowband cells are supported
- LTE and 5G NR cells can be supported simultaneously
- Possibility to use OBSAI/CPRI/eCPRI fronthaul interfaces simultaneously



ABIO 475266A

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