



Product Excellence

Operational Highlights

- All-in-one modem, radio, and EPC in a single box
- Software Defined Radio (SDR) WiMAX, LTE & LTE-Advanced
- TD-LTE Bands 42, 43, 48 (CBRS) LTE-U 5.x GHz, Band 46
- 4Tx4Rx Radio
- Flexible mounting options: rooftops, walls & poles
- Low power consumption

Radio Features

- Carrier aggregation
- Multi-User MIMO
- 4x4 MIMO
- Dual Sector
- Spectrum Analyzer

Feature Highlights

- PGW, SGW, MME
- HSS or AAA
- PCRF QoS
- Layer 2



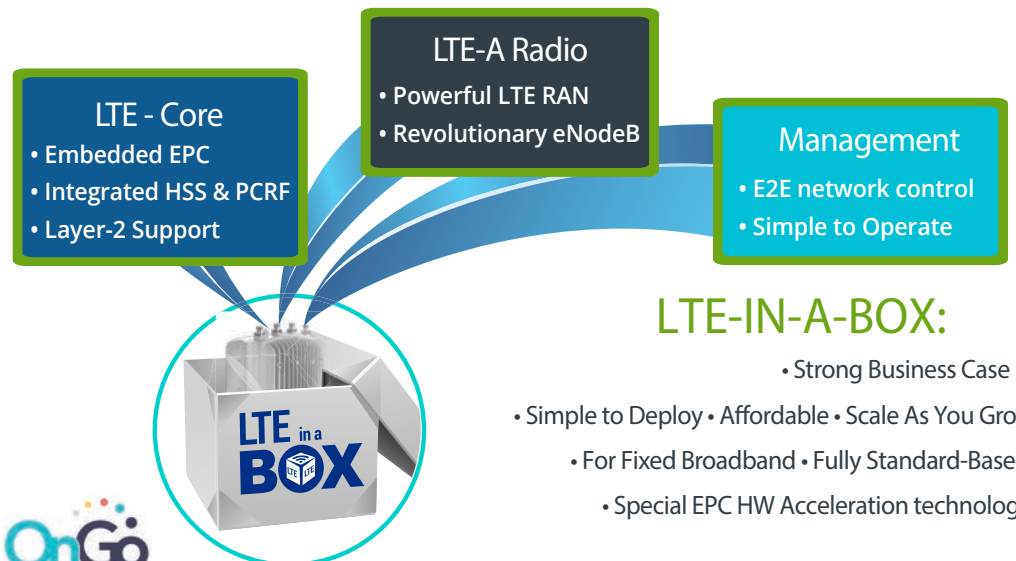
BreezeCOMPACT 1000



The BreezeCOMPACT 1000 is Telrad's revolutionary software-defined base station that completely disrupts the economics of wireless broadband. From its future-proof ability to uptake **dramatic capacity increases** as LTE evolves, to its minimal footprint and **outstanding performance and scalability**, the BreezeCOMPACT 1000 has no peer in the market.

Small and elegant, yet rugged, the all-outdoor, high-capacity 4G broadband base station can be easily mounted on buildings, poles, rooftops, towers – in virtually any deployment scenario, with **superior NLOS (No Line of Sight)** using best in class 4Tx4Rx Radio.

BreezeWAY-1010 (LTE-in-a-Box) - is an "all-in-one" radio cell design, embedding EPC functionality directly into the BreezeCOMPACT eNodeB.



Our revolutionary BreezeWAY-1010, also known as LTE-in-a-Box, integrates the EPC functionality directly to the eNodeB hardware. The first of its kind, this radical, innovative standards-based option is simple to deploy, affordable, and allows you to scale as you grow.



Compact Form Factor

BreezeCOMPACT is a Macro base station that packs superior performance into a small, single-box, small-footprint package. Never before has the 4G world seen such a revolutionary design – 8 kg weight, 30 km radius, and 20-minute (1-man) installation.



On-Target Deployment

BreezeCOMPACT offers the right connectivity, coverage and capacity for any deployment scenario. This all-outdoor base station is optimized for fixed, nomadic and mobile wireless access. Whether on a rural water tower or mounted to a tall urban building, we overcome some of the toughest NLOS challenges



Efficiency to the Max

BreezeCOMPACT maximizes cost and energy efficiency. A small footprint, low power consumption, and a quick, easy rollout make it the optimal choice for any deployment. Operators and ISPs of all sizes will benefit from reduced CAPEX and OPEX.

BreezeCOMPACT 1000

Frequency	42, 43, 48 (CBRS), (3.3-3.8 GHz) 46 (5.15-5.95 GHz)
Radio Configuration	4TX x 4RX
Max Tx Power Per Port	30 dBm (3.x GHz), 20dBm (5.x GHz))
Weight	8 kg 18 lbs
Dimensions (HxWxL)	310 x 165 x 240 mm 12.2 x 6.5 x 9.5 in
Power Consumption	up to 100W
Primary Interfaces	1G - Copper (RJ-45) / Optical SFP 100M- Copper (RJ-45) GPS In/Chaining 48VDC
Mobility support	Fixed, Nomadic and mobile
Standard Compliance	3GPP LTE-Advanced & IEEE 802.16

LTE CORE - BreezeWAY 1010 – Embedded EPC

Standard Compliancy	3GPP Rel.10
Architecture	Full EPC - MME, SGW, PGW
Added Value Packages	iHSS; iPCRF – enhanced QoS, Layer-2 Support, AAA and billing interworking
Scalability	Distributed architecture, unlimited capacity/throughput at network scale
Management	Common management for BreezeCOMPACT and BreezeWAY1010

Telrad Networks is an established global provider of innovative end-to-end wireless telecom solutions. Its primary customer base consists of wired and wireless ISPs, municipalities, public and private enterprises. Its expansive portfolio consist of 2.5, 3.5, 5GHz and CBRS solutions. Telrad stands at the forefront of LTE-A technology with a forward looking path to 5G, offering the highest peak performance in many near and non-line-of-sight (nLOS/NLOS) deployments. In a competitive and dynamic industry, the company distinguishes itself through the quality of its products, its exceptional customer service and the cost-effectiveness of its solutions. Please visit telrad.com for more information.

For more, please visit telrad.com or email sales@telrad.com.