



## Product Excellence

### Operational Highlights

- All-in-one modem and radio, in a single box
- Software Defined Radio (SDR) 16e, LTE & LTE-Advanced
- TD-LTE Bands 42,43
- CBRS & 3.65 GHz (US)
- 4Tx4Rx Radio
- Flexible mounting options: rooftops, walls & poles
- Low power consumption

### Radio Features

- Carrier aggregation
- Multi-User MIMO
- 4x4 MIMO
- Dual Sector
- Spectrum Analyzer
- DCS (for unlicensed bands)

### Feature Highlights

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



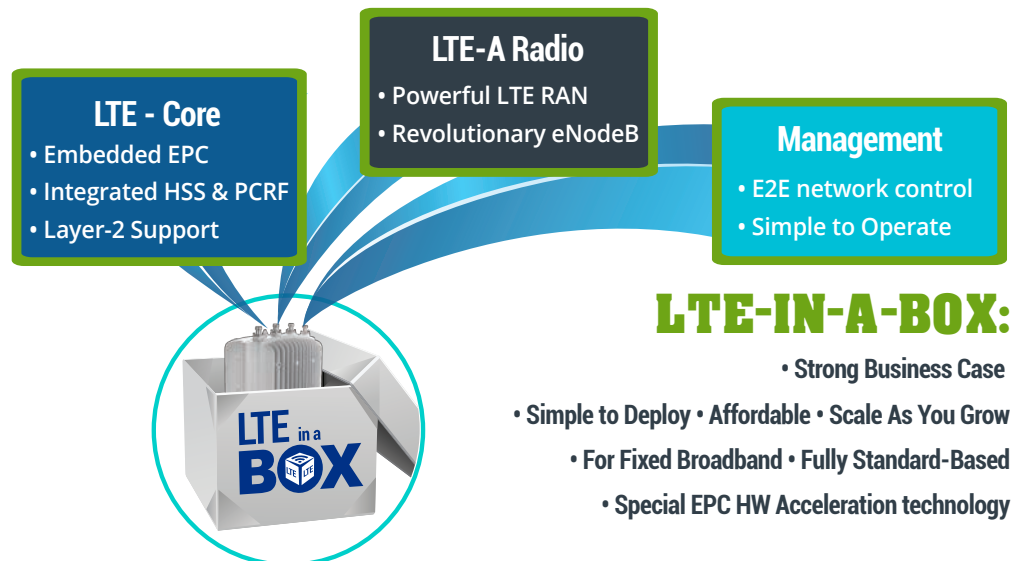
# BreezeCOMPACT 1000



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.



# Product Specifications



## LTE-in-a-Box Innovation

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	Band 42, 43 (3.3-3.8 GHz)
Radio Configuration	4TX x 4RX
Max Tx Power Per Port	30 dBm (3.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 a global provider of innovative LTE telecom solutions, boasting over 280 4G deployments in 100 countries. Telrad stands at the forefront of the technology evolution of next-generation TD-LTE solutions in the sub-6 GHz market. Since 1951, the company has been a recognized pioneer in the telecom industry, facilitating the connectivity needs of millions of end-users through operators, ISPs and enterprises around the world.

For more, please visit [telrad.com](http://telrad.com) or email [sales@telrad.com](mailto:sales@telrad.com).

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We're on your wavelength.