

LTE EPC LAGUNAWAY 1010 AND 2020



- LTE - in - a - Box integrated EPC in eNodeB
- Handles from 10's up to 100,000's of subscribers
- Distributed & Centralized network topologies
- Flexible service authorization, QoS & accounting
- Multiple PDNs
- IPv4 and IPv6
- Integrated L2 Services GBR & non-GBR bearers
- Per-flow, policy-based QoS marking
- Time & volume based accounting
- NFV / SDN architecture

PRODUCT APPLICATION:

LagunaWAY 2020 is a small size yet powerful carrier-class EPC platform, designed using hardware accelerators specially adapted for wireless core packet processing, (Evolved Packet Control) for deployments either at cell-sites or in network centralized locations.

A single Laguna WAY 2020 serves 10k connected subscribers and may easily scale up to hundreds of

thousands of subscribers using a unique "cluster" functionality.

LagunaWAY 1010 is an "all - in - one" radio cell design, embedding EPC functionality directly into the Laguna CMP eNodeB hardware, suitable for distributed core architecture serving up to 500 connected subscribers.

LagunaWAY 1010 / 2020 Specifications

	LagunaWAY 2020	LagunaWAY 1010
Mechanical	Stand alone 19" half shelf 1U unit	Embedded in Laguna CMP hardware
Service Availability	Highly reliable HW - MTBF > 15 years Carrier grade N+M redundancy and load balancing	Highly reliable HW - MTBF > 15 years
Standard Compliance	3GPP Release 10	
Architecture	MME, SGW, PGW, iHSS, iPCRF	
Capacity (per unit)	Up to 10k connected subscribers	Up to 500 connected subscribers
Scalability	Distributed or mini centralized cluster	Distributed
Network Connectivity	12 x 1 GigE 2 x 10 GigE SFP+	Laguna CMP interfaces
Management	Laguna NMS	