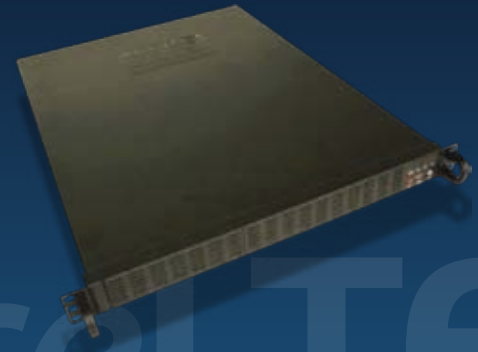


AxxceLTE™ μEPC

NEXT GENERATION PERFORMANCE. UNPARALLELED VALUE.

Benefits:

- Supports a pay-as-you-grow CAPEX model
- Enables flexible IP traffic offloading
- Available in a compact form factor that supports multiple deployment venues
- Integrates seamlessly with Axxcelera's AxxceLTE™ eNodeB yielding a complete LTE access solution.



AxxceLTE™ μEPC Overview:

The AxxceLTE™ μEPC is a cost optimized all-in-one alternative to traditional segmented EPC platforms. It integrates the MME, S-GW, P-GW and HSS functionality and supports LTE standard external interfaces. Using a non-proprietary x86 hardware platform the μEPC can easily be deployed in any environment. It can even be installed on a laptop to provide a highly portable LTE demo solution. The AxxceLTE™ μEPC is a compact, scalable, affordable, and nimble EPC solution designed especially for the wireless ISP, industrial, public safety and private markets.

Key Features:

- Evolved Packet Core network-in-a-box solution
- Built on x86 platform
- Supports industry standard LTE eNodeBs and UEs per 3GPP Release 9
- Provides external interfaces (S1-U, S1-MME, SGi)
- Provides support for HSS, EIR, AuC, and PCC
- Supports multiple Packet Data Networks (PDN)
- Support up to 5,000 UEs
- Highly efficient GTPv1-U zero copy kernel driver
- Supports dedicated bearer setup via static Policy Charging and Control system
- Easy system planning, deployment, management and visualization via Axxcelera Management System over SNMP v2c/v3

Axxcelera Broadband Wireless

Axxcelera Broadband Wireless is a wireless infrastructure company that develops technology for the deployment of broadband wireless communications. Formed in 2001 the company has a strong track record of providing wireless broadband platforms that bridge the last mile, currently replacing the local loop for corporate, small business and residential subscribers.

AxxceLTE™ μEPC Specifications:

Maximum Capacity	10,000+ attached UEs with 10G interface
Mobility Support.....	S1 and X2 handovers that do not require MME or S-GW relocation
Authentication and NAS security.....	TS 33.401
IP Support	IP Version 4 and 6
Operating System	Open source Linux
Form Factor.....	1U rack-mount
Processors	Quad-core Intel® Xeon® processor
Memory	Up to 32GB (4 DIMMs) up to 1333MHz
I/O Slots.....	1 PCIe x16 G2 slot
Drive Bays.....	Up to two 3.5" SAS, SATA or SSD drives
Maximum Internal Storage.....	Up to 6TB
Communications	Multiport Gig E, 10 Gig E
Power Supply	100 – 240 VAC, 50/60 Hz, 250 Watts typical
Temperature Range	10° – 35° C

AxxceLTE™