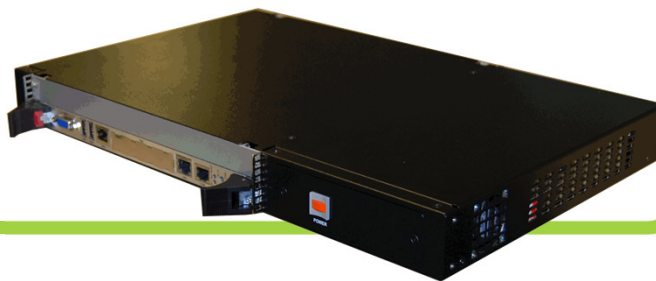


# GTX-102 Compact Access Service Network Gateway WiMAX 802.16e

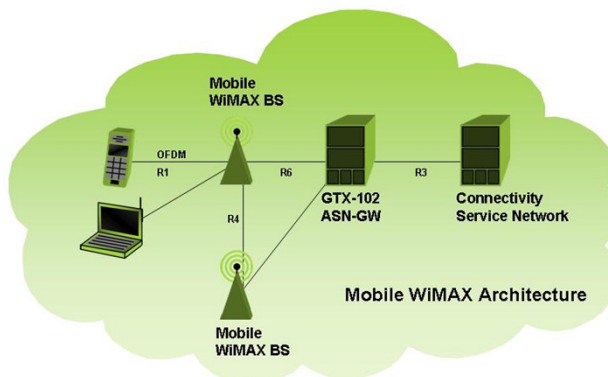
*The Compact ASN Gateway Server solution delivers broad functionality for Control and Data Plane requirements for Nomadic and Portable services.*



The GATIX family of high performance gateways are designed around a scalable core network architecture based on a new generation of multicore and multithreaded processors. It provides a new approach building the core network infrastructure, enabling telecom carriers to significantly reduce the cost to serve the first subscriber while providing massive scalability for network expansion. Starting with a single HE CompactPCI blade server, (GTX-102) all the way up to a fully modular, 16 blade AdvancedTCA server (GTX-216) which has extensive redundancy and availability features. The Compact ASN Gateway is part of the high performance gateway product line designed by GATIX. All high performance gateways are fully modular, ultimately expandable and software upgradeable.

## Compact ASN Gateway Description

The Compact ASN Gateway is an entry level subscriber mobility access gateway for IEEE 802.16e Mobile WiMAX radio access networks. The Compact ASN Gateway is designed to support connection management and mobility across cell sites and inter-service provider network boundaries through processing of subscriber control and bearer data traffic. The Compact ASN Gateway provides local mobility anchor capability, so that users can move between base stations and acts as a RADIUS client to the operator's AAA servers.



## Compact ASN Gateway HW Specification

- Dimensions (W x H x D): 440 x 44.5 x 280 mm (17.3" x 1.75" x 11.0").
- Weight 4.5 kg (9.9 lb)
- Power Supply AC 100 ~ 240 V @ 47 ~ 63 Hz, full range (PFC).
- Chassis 1U 19" chassis  
Up to 2 processor cards each supporting 2x 1Gb Ethernet ports.
- Capacity Up to 3000 subscribers (1Gbps nominal).
- Regulatory ETSI & FCC type approved.  
RoHS & WEEE compliant.

## Compact ASN Gateway Features

- Profile C support for R6 interface.
- Fixed, Nomadic and Portable Services.
- QoS; Per flow/per subscriber policing.
- Subscriber Station Authentication & Addressing:
  - AAA Authenticator (RADIUS).
  - DHCP proxy/relay.
- Support for multiple Home Agents or on-board Home Agent.
- Management & Administration through CLI and Web interface within a full multi-user environment.

**Order Number: ASN-102R0**



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