



EBS Server GSM

GSM phone system platform



The EBS Server GSM is another Khomp release allowing for integrators to create telephony solutions that require GSM cellular interfaces. It has capacity for 8 or 16 GSM modules with the front plate easily removable for replacement of SIM cards. Each module supports up to two GSM SIM cards from different operators enabling selection and switching of the active SIM card.

In addition to the GSM interfaces, the appliance includes a CPU in which the integrator can load their application and Operating System. The EBS Server GSM is the only telephony platform developed for the integrator to create their own product such as cellular/VoIP gateways, cellular interface to PBXs or call centers and SMS gateways among other applications.

The EBS Server GSM has an internal GSM antenna combiner concentrating the signal from all channels via a single antenna. With this Khomp reduced the number of antennas required and left the equipment ready for use with a single higher gain external antenna.

Models:

- EBS Server GSM 80 with 8 GSM channels
- EBS Server GSM 160 with 16 GSM channels

Features and Benefits:

EBS GSM Inside:

- 8 or 16 GSM interfaces
- Capacity for 2 SIM Cards from any operator per channel, with 1 active and 1 on stand by
- Allows different operators in the same module
- GSM Quad Band interface: 850/900/1800/1900MHz
- All voice resources are available simultaneously on all channels
- Supports sending and receiving of SMS messages
- Receives confirmation of sent messages
- DSPs for processing of audio
- Hardware echo cancellation
- And all characteristics of the EBS GSM product line

**Server Hardware:**

- Mini ITX motherboard Celeron J1800
- 2 external USB 2.0 ports
- 2 external Gigabit Ethernet ports
- 1 Ethernet port for EBS expansion*
- Full range AC power supply
- -48V DC power supply (optional)
- 2GB of DDR 3L RAM
- 1x 16GB 2.5" SSD
- External VGA D-sub video interface
- 1 Quad Band GSM antenna
- Programmable 16x2 LCD display
- Standard 19" 1U rack mount chassis
- Dimensiones: 437.8mm X 44.45mm X 380mm

* Expansion of new independent EBS modules. For expansion of the EBS Server GSM, the unit must be returned to the factory, it is not possible to do so in the field.

Optional Items:**

- Additional 2GB of DDR3 RAM
- Additional storage device:
 - 16GB, 32GB or 64GB SSD
 - 500GB hard drive
- Six band modem (800/850/900/1700/1900/2100)
- Support for 3G technology
- Power supply DC/DC -48 VDC

** Optional items are charged extra.

Compatibility:

- Compatible with Asterisk®, Elastix® and FreeSWITCH™
- Compatible with the Khomp K3L API

Certifications and Guarantees:

- 1-year return to factory parts and labour warranty
- ISO 9001:2008 certified

Available for OEM



More Images



Front

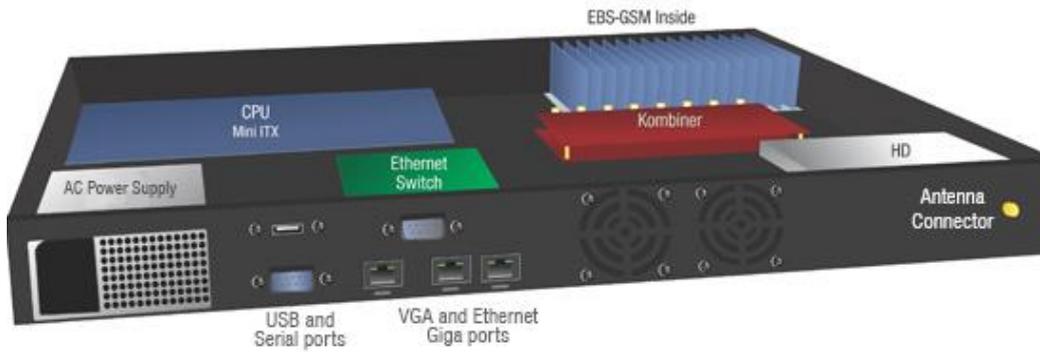


Front open for access to SIM cards



Back

Internal design of the EBS Server GSM



Internal design of the EBS Server GSM.

