

1009608100

## AlphaCom XE7

Package with 1 ASLT



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 HD Voice

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## Description

- ✓ Made to provide critical communication in any environment
- ✓ Complete system with 1 Power Supply Board, 1 Processor Board, 1 ASLT Card
- ✓ Supports 552 IP stations and 36 analog intercom stations
- ✓ Global networking and integration
- ✓ IP, SIP and analog station support
- ✓ Extended Software Options
- ✓ SIM card based software configuration and disaster recovery
- ✓ Fully compatible with any AlphaCom system

- ✓ Extended memory supports future expansion and new services
- ✓ High Quality Professional PA Broadcasting and Messaging services
- ✓ Security voice guidance for public safety and building security
- ✓ Auto-attendant functionality (Automatic voice supported switchboard)
- ✓ Voice supported call guidance

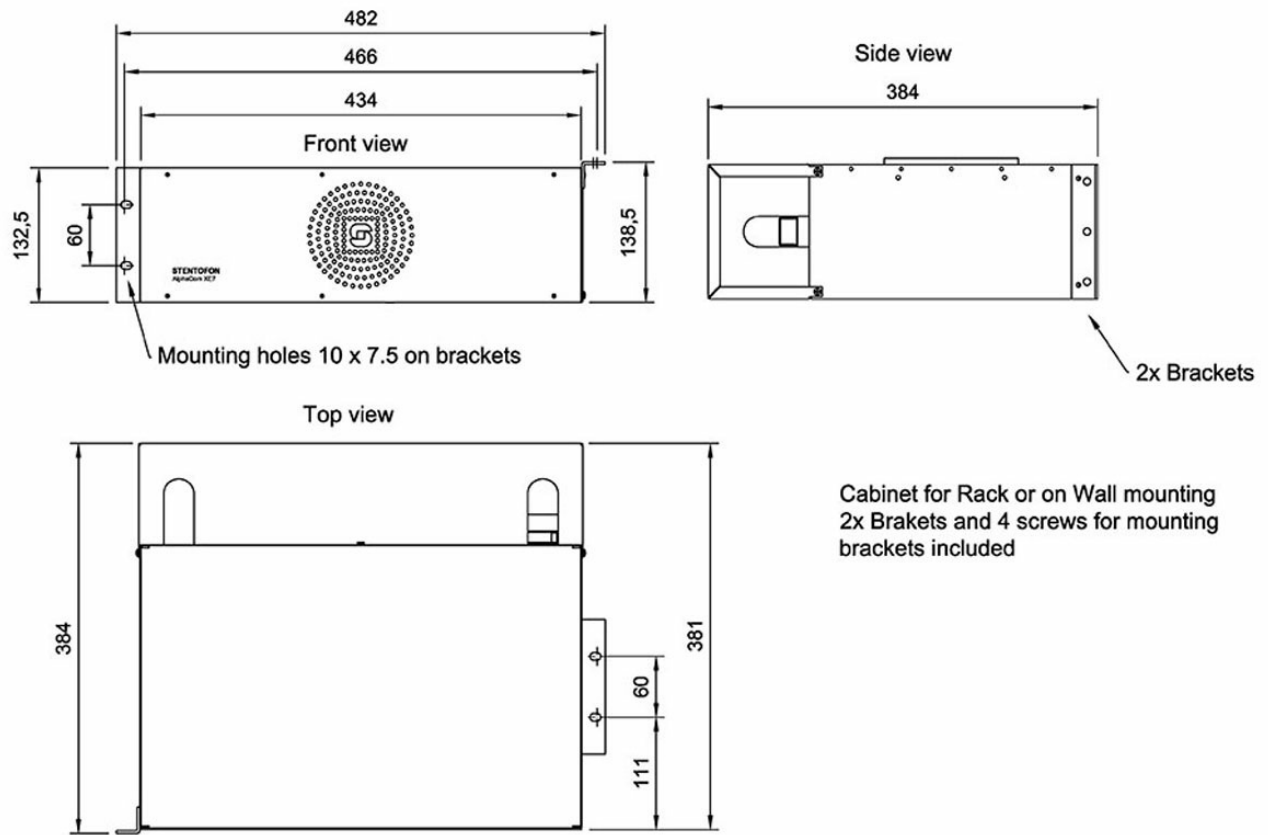
With AlphaCom XE, flexibility is key. You can have just a few or thousands of users spread around different locations. Thanks to its open, modular design and scalable architecture, AlphaCom XE has the flexibility to grow with your business and adapt to your long term needs. The system can be tailored to support applications of almost unlimited specificity and complexity.

Vingtor-Stentofon's CCoIP® (Critical Communication over IP) implies the employment of Voice over IP applications required in critical situations. AlphaCom XE is designed with CCoIP incorporation which ensures the delivery of instant and secure voice and data services. The AlphaCom XE system provides carrier class system availability and protects resources in an IP environment by using embedded IP security mechanisms.

The main security mechanisms used are restricted management access, separate management interface, internal firewall and integrity check (MD5).

See also: [additional documentation on wiki.zenitel.com](http://wiki.zenitel.com) | [AlphaCom main page](#)

## Technical Dimensions



Cabinet for Rack or on Wall mounting  
 2x Brackets and 4 screws for mounting  
 brackets included

# Specifications

## MECHANICAL & ENVIRONMENTAL

|                     |   |
|---------------------|---|
| Dimensions (WxHxD)  | 427 x 133 x 380 mm /<br>16.81 x 5.23 x 14.96<br>inch.                           |
| Weight              | 9 kg  |
| Power               | 260 W max, 24 VAC<br>with auto switchover to<br>24 VDC                          |
| Mounting            | Wall, shelf or 19" rack   |
| Processor Subsystem | Intel IXP425 with HW<br>acceleration for packet<br>processing and<br>encryption |
| Media Subsystem     | DSP @ 1600 MIPS,<br>FPGA @ 400K gates   |
| Storage Subsystem   | Solid state (64 MB<br>Flash), SIM card (IP<br>configuration, HW-ID)             |
| Temperature Range   | -15°C – +55°C   |
| Relative Humidity   | 95%   |

## FEATURES

|                     |                                     |
|---------------------|-------------------------------------|
| Memory              | 128 MB SDRAM, 1 MB<br>NVRAM         |
| Subscriber Capacity | 552 intercom stations<br>per server |
| Analog Stations     | 6 per line card                     |
| Analog Telephones   | 12 telephones per line<br>card      |
| Busy Hour Call      | 60 000 BHCA                         |
| IP Telephones       | 552 IP telephones per<br>server     |
| Integrity check     | MD5 (RFC 1321)                      |
| IP priority         | DiffServ, IP TOS                    |

|                          |   |
|--------------------------|---|
| IP security              | SSH, HTTPS, firewall  |
| SIP                      | RFC 3261, SIP INFO, RE-Invite, RFC 2833, RFC 4733                           |
| VoIP Internal Networking | 30 channels   |
| VoIP External Networking | 30 channels   |
| ISDN Trunk               | ISDN PRI (30 channels); VoIP external networking + gateway                  |
| Analog Trunk             | FXO (4 & 8 channels); VoIP external networking + gateway                    |
| GSM Trunk                | Quad band GSM; VoIP external networking + gateway                           |
| Other                    | Custom ASCII (EDIO), STENTOFON Data, Scripting engine                       |
| Configuration            | AlphaPro over IP, Web   |
| Monitoring and logging   | SNMP trap, SNMP MIB, syslog, Web, e-mail, SQLite                            |
| SW Upgrade               | Web, Automatic upgrade of IP station  |
| VoIP Audio               | HD Voice - G.722 (7 KHz), Telephone Audio - G.711 (3.4 KHz)                 |
| Open Duplex Conference   | 20 open duplex conferences can be configured. A maximum of 16 subscribers   |
| Push to Talk Conference  | 50 conference channels. Unlimited number of participants. Priority features |
| Group Call               | 250 groups. Unlimited number of participants. Priority features             |

Call Modes

Open mode. Ringing mode. Call request mode. Priority features

Audio messaging

PA broadcasting. Auto-attendant, Voice guidance (doors, elevators), Security voice response

Compliance

CE, FCC Part 15

## Accessories



### LCM

Line Connection Module



### AlphaPro Professional

USB Dongle



### AMC-IP Version 11

Processor Board for AlphaCom XE and ESC1



### Mains Transformer 6A



### Mains Transformer 11A



### Connection Kit ASLT/AGA/ATLB