

# VCU-4U

Server Case

# Voxtronic.



## THE MAIN POINTS AT A GLANCE

- 7x24 operation
- Easy to maintain
- Any redundancies
- Easy to expand

## Introduction

The ready-to-install server case VCU-4U is the ideal platform for the software products from Voxtronic Technology. All components of the device are perfectly matched for this operation purpose. We provide the server case pre-installed - including the installation of all ordered software modules.

## Uninterrupted 7x24 Operation

The server case VCU-4U is designed for a long-term, uninterrupted 24-hour continuous operation. All components have been carefully selected for their exceptional reliability. With proper maintenance plan the system, therefore, does a life of 15 years in 24-hour continuous operation.

## Particular Easy To Maintain System Architecture

The device has been optimized for ease to maintain. Most maintenance work can be made on the fly, without interrupting the system-operation. Which avoids downtime due to system outage.

Most components can be replaced without the use of tools. This increases in addition the ease to maintain of the system and keeps the necessary time spent on maintenance and troubleshooting very low.

With the optional error signaling, you will be quickly and reliably informed about problems or losses of individual components and you can react quickly.

## Any Redundancies

All critical system components are available in fully-redundant design for maximum system security.

The uninterruptible power supply ensure optional redundant power supplies, which are available for 48-volt and 230-volt supply. For increased security of data transmission, the system provides two network interfaces. The data storage of the system can be optionally provided in RAID to be protected against failure.

The system architecture of all Voxtronic software components is also designed for the simultaneous operation of multiple system units. Therefore any 1: n or even n: m redundancies can be created.

## Long-Term Safety Thanks To “Easy To Expand”

The server case VCU-4U can act as a single system or combined with others as a system alliance. The servers can have multiple locations and can be locally separated. In this way, your Voxlog system can be expanded to any desired size. The mixture of different technologies makes it possible to process, all existing telephone and communication systems as well as network-based transmissions method, with a single system.

VCU-4U

Backed Systematically

**EASY TO MAINTAIN**

**ANY REDUNDANCIES**

**EASY TO EXPAND**

## Feature List

<b>Processor</b>	Intel Embedded CPU Dual Core / 2x 2,9GHz
<b>Data Storage</b>	250GB, hotswap capable Optional expandable to 4TB Optional redundant with RAID slot
<b>Removable Frames</b>	Lockable, fan less, hot swappable
<b>Slide Rails</b>	Optional slide rails for rack mounting
<b>Reduced Noise</b>	Optional noise fan
<b>Time Synchronization</b>	Per NTP Optional per DCF77 / GPS
<b>Interfaces</b>	Optional expansion boards for communication interfaces Optional expansion boards for data interfaces
<b>Archiving</b>	Optional internal archiving on CD / DVD / BLUERAY

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## Use Cases

<b>PA Public Address</b>	Connecting a speaker system to a VoIP PBX
<b>Fire Alarm System</b>	Status notification of the fire alarm system to mobile users
<b>Railways</b>	Integration of existing railways specific infrastructure
<b>Radio Systems</b>	Connection of radio systems to any telecommunication infrastructures

## Technical Specifications

<b>Design</b>	19 " rackmounting chassis, 4U
<b>Dimensions</b>	483 x 177 x 451 mm (W x H x D)
<b>Weight</b>	Max. 17kg
<b>Temperature</b>	0°C – 60°C
<b>Humidity</b>	5% – 95% not condensing
<b>Ventilation</b>	2x 51 CFM / ~86m <sup>3</sup> /h
<b>Noise</b>	35dB Optional 17,7dB
<b>Supply Voltage</b>	100 – 240VAC / 50 – 60Hz Optional 12VDC / 24VDC / 48VDC / redundant
<b>Power Consumption</b>	Max. 500W
<b>Card Slots</b>	Max. 5
<b>Connections</b>	USB 2.0 (2x front panel, 6x rear side)
<b>Network</b>	2x 100/1000 Mbit

## Additional Information's

<b>product information</b> <b>CONEX</b>	Voxtronic Communication Gateway™
<b>product information</b> <b>CONEX-A</b>	Voxtronic Communication Gateway™ for analogue technology
<b>product information</b> <b>CONEX-D</b>	Voxtronic Communication Gateway™ for digital technology
<b>product information</b> <b>CONEX-GSMR</b>	Voxtronic Communication Gateway™ for GSM-R
<b>product information</b> <b>CONEX-IP</b>	Voxtronic Communication Gateway™ for IP
<b>product information</b> <b>VCS</b>	Voxtronic Communication Server™

All information has been provided with the best knowledge. Changes and improvements - in particular, the technical specifications - are possible at any time and without notice. The information is only valid for the specified product. The images can differ from the actual delivery.

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**Voxtronic** is a leading provider of digital voice and data recording systems as well as a developer of security-relevant solutions for industry, business and government segments.

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