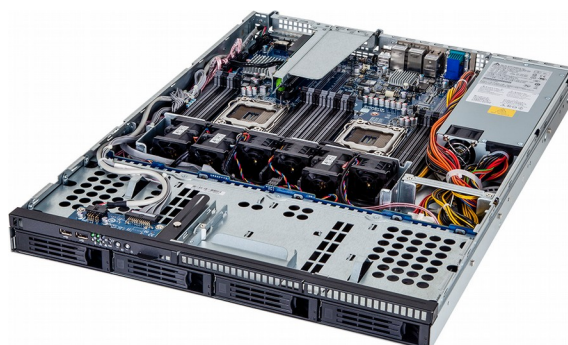# CX Software and Hardware - Datasheet

CX Software

This suite of programs is designed to work with the kamailio PBX software as a cross-platform GUI client and the supporting server side applications necessary for the features of the GUI application to work with kamailio. The client-side GUI apps are available as web pages running AJAX scripted web pages(Chrome recommended)

Component	Description
Voice Engine	Kamailio / Freeswitch
Dataabase	MariaDB
Web Server	Nginx
Script Language	PHP 5 and Perl
Modules	CPAN modules
Client Software	Browser Firefox or Chrome
Client Softphone	SIP based (Eyebeam or Zoiper)
Voice Protocols	SIP
Voice Codes	G729 / G.711 ulaw, alaw

CX Hardware

CX hardware is made of 1U server-type appliance with certain components that make machine work for VoIP software. Modified machine strictly follow REGULATORY TYPE E10S002 and safty standards of EMC EMISSIONS CLASS – A.

Component	Description
Formm Factor	1U
CPU	Intel® Xeon® Processors
Storage	SSD in RAID (M2 storage if Archive Storage is installed)
RAM	8GB
Archive Storage	SATA
M.2 Storage	High IOPS to speed up loading times
Telephony Intterface	Only External Gateways to save CPU from Overloading
Ethernet	1 / 2
USB	2 / 3 Standdard