# CooVox-C1000

Enterprise–Grade IPPBX System

## Product Datasheet

The CooVox–C1000 is a high–end, heavy–duty and yet cost–effective enterprise–grade IPPBX system for the large enterprises. It is a fully featured IPPBX system with high system capacity, allowing the CooVox–C1000 to fulfill a business's existing telecommunication needs while also providing future growth options and all of this without additional license fees.

CooVox–C1000 is ideal for those enterprises which have a demanding telephony environment, as it supports up to 1000 extensions, 200 simultaneous calls, 200 simultaneous conference attendees, up to 15000 hours call recording. All features are available to use with no additional license fees.

# Features

### Quick Setup Wizard

Quick Setup Wizard allows speedy initial configuration of the C1000 system. The wizard includes all essential configuration steps in an easy to use and intuitive web based interface.

### Email Notifications

SMTP templates allow for simple configuration of mail server. Fax to email, voicemail to email, send QR code via email, system events email notifications, etc.

### Endpoints Provisioning

Quick and simple deployment of endpoint devices using PNP and Quick Register Code. CooCall APP can be provisioned by scanning a QR code.

### One Number Stations

The same extension can now be registered on 5 different endpoints. This means that a desktop IP phone and mobile phone APP can share the same extension number so wherever you are, you'll never miss any important calls.

### Expansion Box Provisioning

Combining CooVox series IPPBX with EX16S Gateways can result in deployment time savings of 90% when deploying large amounts of analog phones.

### Extension Web Portal (WebRTC Integrated)

Thanks to the extension web portal, you can now Playback voicemail/recordings online, make/receive phone calls, click to dial, incoming call pop–up, send fax. All of this from within your web browser without installing any plugins.

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## Specifications

| Hardware | Specifications |
|---|---|
| CPU | Intel quad–core |
| RAM | 8GB DDR4 |
| Storage | 1TB HDD |
| USB (Extended Storage) | 4 x USB3.0,  2 x USB2.0 |
| Ethernet Interface | 2   (WAN/LAN) |
| Power | 180~260V/47~63Hz ≤ 4A (300W dedicated server power unit) |
| Size | 1U industry standard rack–mountable chassis |

| Software | Specifications | |
|---|---|---|
| System Capacity | • 1000 Extensions<br>• 200  Simultaneous Calls | • 200 Conference Attendees<br>• 15000hrs Recording/Voicemail (Internal Storage) |
| Protocols & Codecs | • SIP(RFC3261), IAX2<br>• DTMF(RFC4733, SIPINFO, In–Band)<br>• Transport Protocols: UDP, TCP, TLS, SRTP | • Video Codecs: VP8, H.264, H.263+, H.263, H.261<br>• Audio Codecs: Opus, G.722, G.711(a–law, u–law), G.729, G.726, GSM, SPEEX |
| Feature Highlights | • Quick Installation Guide<br>• Softphone APP Auto Provisioning (Scan QR Code)<br>• IP Phone Auto Provisioning (PNP, Quick Register Code)<br>• LDAP Phonebook Auto Configure (H81, H83) | • EX16S Expansion Box Auto Provisioning<br>• Voicemail to Email<br>• Fax to Email<br>• Virtual Fax<br>• Click to Dial (WebRTC)<br>• Call Pop–up (WebRTC) |
| Telephony Features | • Call Queue  • IVR (Multi–layer)<br>• Ring Group  • Caller ID<br>• Call Forward  • Call Spy<br>• Call Transfer  • Video Call<br>• Call Pickup  • 3–way Calling<br>• Call Parking  • Conference Call<br>• Call Waiting  • Follow Me | • DISA  • Time Conditions<br>• Smart DID  • Paging & Intercom<br>• Blacklist  • One Number Stations<br>• Voicemail  • Music On Ringback<br>• Wakeup Call  • Distinctive Ringtone<br>• PIN Code  • Auto Call Recording<br>• Do Not Disturb  • One Touch Recording |
| Multi–level User Administration | • Admin user: All Privileges.<br>• Operator user: Manage extensions, general features, faxes, CDR, call recordings, etc. | • Extension user: WebRTC, extension recording, extension voicemail, extension call logs, etc |
| Security | • Firewall based on iptables<br>• Geo–IP (Security policy based on IP address geographical location) | • Intrusion auto detection and prevention |
| Network Features | • Network Mode (WAN): Static IP, DHCP<br>• VPN: PPTP (Server and Client), OpenVPN (Server and Client) | • Static Routing<br>• DHCP (Server and Client)<br>• DDNS (Dynamic Domain Name Server) |