P-Series PBX System

Go boundless. Converge voice, video, applications, collaboration, and more for SMEs.

Technologies are constantly revolutionizing the way businesses communicate. More and more SMEs realize that they need something beyond just a PBX in their digital transformation strategy. The aspiration to remain competitive press them to look for a system that breaks down the barriers of distance and embraces flexibility and customization.

For SMEs that have higher expectations of a sophisticated communication system, they need a professional, reliable, and adaptable PBX system in place. Lack of efficiency-enhancing features, poor user experience, and inability to adapt to the fast-paced business environment make a communication system less desirable.

PBX Plus More Values and Possibilities

Yeastar addresses the challenges through the P-Series PBX System, a "PBX Plus More" product that allows businesses to have uninterrupted communications at all times in a fully-fledged system. Beyond just a PBX, it provides SMEs with visualized call management, video communications, advanced call center features, unified communications applications, anywhere anytime connectivity, and everything practical yet outperforming across browsers, mobiles, and desktops.

Available in the Appliance Edition and Software Edition, P-Series provides flexible deployment options, allowing you to have it sited on-premises or in the cloud. Balancing costs and future growth, it requires a lower total cost of ownership, less training, and fewer management efforts, whether making a phone system transition or starting from the ground up.

Third-party communication resources including IP Phones, CRM, collaboration tools can also be integrated easily with the P-Series to form a cohesive communication and collaboration solution and break the boundary of systems.

Optimized with the right set of features, ease of use and management, future-proof flexibility and adaptability, P-Series unifies voice, video, applications, collaboration and more to push boundless communications for SMEs.

Beyond just a PBX

- Integrated appliance or software installation. Minimal setup hassle.

- Always-on connectivity with high performing Unified Communications

- Regardless of distance and the choice of device

- Superior telephony features covering the must-haves to nice-to-haves

- Integrated video conferencing for engaging remote meetings

- Streamlined operations with visual call activities

- Panel-based administration that makes things straightforward

- Granular permission based on different user roles

- Remarkable functionality for SMEs at a better price

- Built-in security mechanism to minimize system vulnerabilities

- An integrated model that embraces more possibilities

1 PBX Plus
UC Clients

Designed to enhance communication experience and efficiency, Linkus UC Clients allow P-Series PBX users to easily access a comprehensive suite of calling, conference, voicemail, presence, enterprise contacts, collaboration from a single interface using web browsers, mobile phones, and desktops. Employees can stay connected with colleagues and customers where, when, and however they prefer.

2 PBX Plus
Video Communications

P-Series PBX System makes remote face-to-face communications instant, simple, secure, and engaging with the integrated 1:1 web video call and video conferencing features. Through a multimedia environment for interactive virtual conferences, SMEs can benefit from a more engaging meeting experience along with the integrated screen sharing, in-meeting team chat, and more.

Yeastar
P-Series PBX System

Integrated System · UC Clients · Video Communications · Call Center · Presence & IM · Operator Panel · Contacts Directory · Remote Working

3 PBX Plus
Call Center

P-Series PBX System introduces an inbound call center solution to improve agent efficiency, responsiveness, and ultimately customer satisfaction for SMEs running service centers. Besides standard communications features, Call Distribution, Queue Panel, Wallboard, SLA, and Call Reports are all designed to support more proactive performance monitoring, reporting, and management.

4 PBX Plus
Presence & IM

As fundamental parts of unified communications, Presence and IM help SMEs realize contextual collaboration and level up productivity. The Presence feature in P-Series PBX comes with rich information about users' availability and great flexibility in switching the status while the IM feature, along with file sharing, complements other forms of communication and prompt employee engagement.

5 PBX Plus
Operator Panel

The Operator Panel is a visualized console for corporate operators and receptionists to quickly handle incoming calls based on the real-time availability of employees. They can simply drag and drop on the panel to dispatch calls to extensions, ring groups, and queues. Besides, the flexible role-based permissions make it helpful under various scenarios by facilitating great

6 PBX Plus
Contacts Directory

P-Series PBX System makes it easy and intuitive to organize contacts. Users can create and manage a company-wide directory and personal contact entries. Both are synced across Linkus UC Clients, IP phones, and the PBX, enabling easy access and dialing from anywhere. Each department have separate permissions to different phonebooks with CRM contacts automatically synced and updated.

7 PBX Plus
Remote Working

P-Series PBX System helps SMEs adapt to the new norm of working from home by enabling BYOD mobility, reducing security and network administration challenges, supporting remote control and management, and combining team collaborations. With teleworking-friendly features available out of the box, the dispersed teams unified under the same PBX system can remain engaged and productive.

8 PBX Plus
Integrated System

Besides built-in functionalities, P-Series PBX System also works perfectly with 3rd party systems, including standard SIP endpoints, CRM, collaboration tools, etc., delivering a unified experience with unmatched simplicity and new possibilities. Breaking the barriers among a wide variety of systems, P-Series PBX allows SMEs to unleash the true power of business communications.

FEATURES

	Basic Plan	Enterprise Plan	Ultimate Plan
Deployment Mode	Appliance	Appliance, Software	Appliance, Software
Business Features	•	•	•
Telephony Features	•	•	•
Administration & Security	•	•	•
Unified Communications	•	•	•
Call Center		•	•
Switchboard-type Queue Panel		•	•
Real-time Metrics on Wallboard		•	•
SLA for Performance Measurement		•	•
Insightful Call Center Reports		•	•
Remote Access Service		•	•
Yeastar-supplied Domain Name		•	•
Remote & Secure PBX Web Portal Access		•	•
Linkus UC Clients Remote Connection		•	•
Consistent In-office Communication Experience		•	•
CRM Integration		•	•
Incoming Call Popups		•	•
Auto Call Journal		•	•
Click to Call CRM Contacts		•	•
Hassle-free Configuration		•	•
Phonebooks		•	•
PBX-native Contacts Management		•	•
Separate Permission Control Per Phonebook		•	•
CRM Contacts Synchronization		•	•
Sync Across Linkus UC Clients		•	•
Instant Messaging		•	•
One-on-one or Group Chat		•	•
Cross-client Synchronization		•	•
File Sharing & Image Sharing		•	•
Push Notification		•	•
WebRTC Video Call			•
Direct 1:1 Web Video Call from Linkus Web Client			•
HD Audio and Video			•
Seamless Video/Audio Call Switch			•
Shrinkable Call Window			•
Video Conferencing			•
Bulk Email & Instant Link Invitation			•
HD Audio and Video			•
Screen Sharing			•
In-meeting Team Chat			•

Available in Any Subscription Plan

Business Features

- BLF Support
- Business Hours & Holidays
- Call Allow/Block List
- Call Recording
- Concurrent Registrations for IP Phones
- Custom Prompts
- Distinctive Ringtone
- DNIS

- Emergency Number
- Emergency Notifications
- Fax to Email
- Group Voicemail
- Mobility Extension
- Music on Hold
- MOH Playlist
- Microsoft Teams Integration

- Personal Voicemail Greeting
- PIN List
- Remote Extensions
- Speed Dial
- T.38 Fax
- Voicemail
- Voicemail to Email
- WebRTC Audio Call

Telephony Features

- Call Forwarding
- Call Monitoring (Listen/Whisper/Barge-in)
- Call Parking
- Call Pickup
- Call Routing
- Call Transfer (Attended & Blind)
- Call Waiting

- Caller ID
- CID-based & DID-based Call Routing
- Conference Rooms
- CDR & Basic Reports
- Dial by Name
- DID (Direct Inward Dialing)
- DOD (Direct Outward Dialing)

- DND (Do Not Disturb)
- IVR
- Paging & Intercom
- Queue
- Ring Group

Administration & Security

- Auto Provisioning
- AMI (Asterisk Manager Interface)
- Web-based GUI
- Dashboard
- Granular User Role
- Bulk Import & Export (Extension, Trunk, Route, Contacts)
- Extension Group

- Built-in SMTP Server
- Event Logs
- Event Notifications
- Network Drive
- Backup and Restore
- Operation Logs
- Outbound Call Frequency Restriction
- Secure Communications (SRTP & TLS)

- Security
  - Password Policy Enforcement
  - Auto Defense
  - Static Defense
  - IP Blocklist
  - Security Alerts via Email
- Troubleshooting

Unified Communications

- Linkus Web Client
- Linkus Mobile Client (iOS & Android)
- Linkus Desktop Client (Windows & MacOS)
- Presence
- Custom Presence Description
- CTI (Computer Telephony Integration)
- Company & Personal Contacts

- Yeastar Linkus for Google Chrome Extension
- Select & Dial with Hotkey
- Voicemail Transcription
- Audio Conferencing
- Unified Messaging
- Voicemail & Recording List
- Pop-up URL

- Operator Panel
  - Unlimited Users
  - Dispatch Active Calls (Redirect, Transfer, Hang up, Record, Park, Monitor)
  - Monitor Call Status (Inbound, Outbound, Extension, Parked Calls, Ring Group, Queue)
  - Unified Presence
  - Control Extension Presence

SOFTWARE EDITION
General Specifications & Server Requirements

Software Edition General Specifications

Max. Extension	500
Max. Concurrent Calls	125
Operating System	Ubuntu 20.04 LTS
Virtual Platforms	VMware 15.1.0 or later; Hyper-v-10.0.17134.1 or later
Activation Method	Online Activation/Offline Activation
Licensing Options	Enterprise Plan/Ultimate Plan
Subscription Terms	Annual Subscription

Virtual & Cloud Environment Requirements

	0-300 extensions (0-75 CC)	300-500 extensions (76-125 CC)
Memory	4 GB	6GB
Hard Disk	50 GB	100 GB
vCPU	4	6
CPU Frequency	2.4 GHz	2.4 GHz

Hardware Server Requirements

Recommended Server	Dell EMC PowerEdge R240/R340
CPU	Intel (R) Xeon (R) CPU E3-1220 v6 Cores: 4 Threads: 4 CPU Frequency: 3.00 GHz
RAM	8 GB
Hard Disk	1 TB

APPLIANCE EDITION
General Specifications

Appliances	P550	P560	P570
Base Users / Max Users	50	100 / 200	300 / 500
Max Concurrent Calls	25	30 / 60	60 / 120
Base / Max Call Center Agents	50	100 / 200	300 / 500
Max FXS Ports	8	8	16
Max FXO/BRI Ports	8	8	16
Max GSM/3G/4G Ports	4	4	6
Max E1/T1/J1 Ports	–	1	2
Expandable D30	0	1	2
NFC Read/Write	Yes	Yes	Yes
Ethernet Interfaces	2 x (10/100/1000 Mbps)		
Hard Disk	No	1 SATA (Up to 2TB)	
USB	1 (Up to 2TB)		
Power Supply	AC 100-240V 50/60HZ 0.6A max	AC 100-240V 50/60HZ 1.5A max	
Size (L x W x H) (cm)	34 x 21 x 4.4	44 x 25.2 x 4.4	44 x 25.2 x 4.4
Weight	1.64 KG	2.37 KG	2.38 KG
Form Factor	1U Rackmount		
Environment	Operation Range: 0°C to 40°C, 32°F to 104°F Storage Range: -20°C to 65°C, -4°F to 149°F Humidity: 10-90% non-condensing		