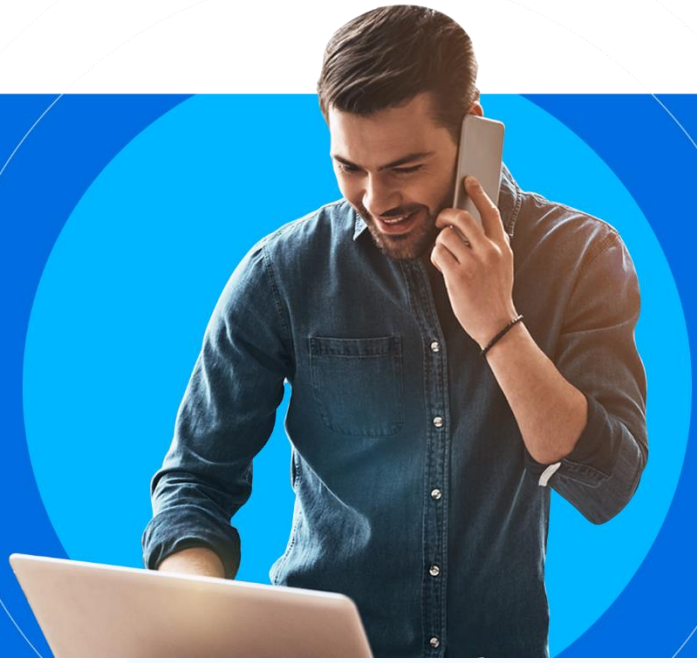
P-Series PBX System

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



Technologies are constantly revolutionizing the way businesses communicate. More and more businesses 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 businesses 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 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, Software, and Cloud 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.

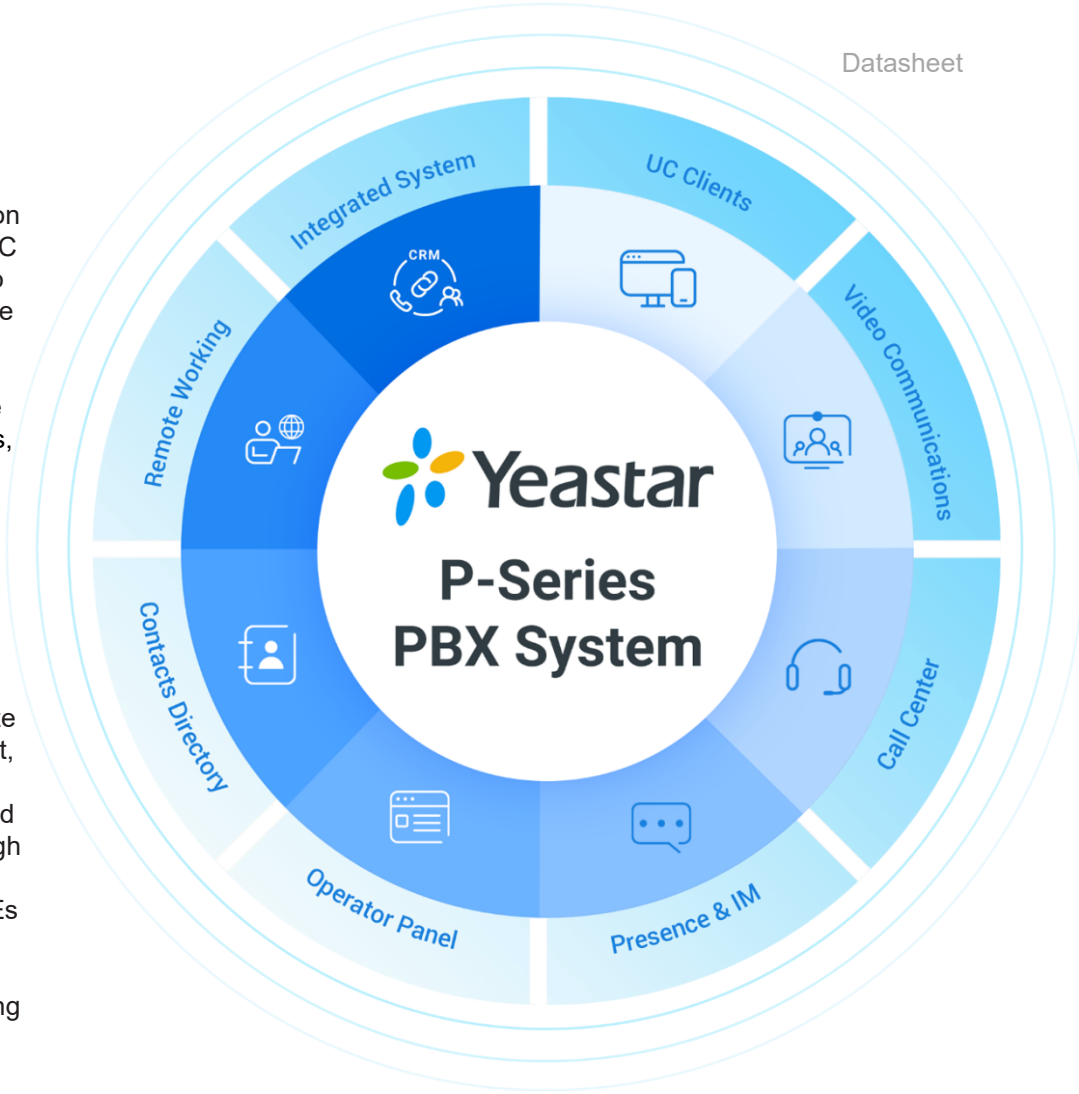
Third-party communication resources including IP Phones, CRM, collaboration tools can also be integrated easily with the P-Series to form a cohesive communication and collaboration solution and break the boundary of systems.

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 facilitate boundless communications.

Beyond just a PBX

- Cloud-based and on-premises options with minimal setup hassle
- Deliver, manage, and monitor services through Yeastar Central Management
- 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
- An integrated model that embraces more possibilities
- Streamlined operations with visual call activities
- Panel-based administration that makes things straightforward
- Granular permission based on different user roles
- Built-in security mechanism to minimize system vulnerabilities
- Remarkable functionality at a better price





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.

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 businesses 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 businesses 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 can also work with 3rd party technologies, including standard SIP endpoints, headsets, CRM, helpdesk, directory services, Microsoft Teams, Outlook, and more, to break the barriers among a wide variety of systems, deliver a unified experience with unmatched simplicity and new possibilities.

FEATURES

	Standard Plan	Enterprise Plan	Ultimate Plan
Deployment Mode	**Appliance**	**Appliance, Software, Cloud**	**Appliance, Software, Cloud**
Telephony Features	•	•	•
Business Features	•	•	•
Administration & Security	•	•	•
Unified Communications	•	•	•
Instant Messaging	•	•	•
Remote Access Service*	•	•	•
Custom PBX Domain Name (FQDN)	•	•	•
PBX Web Portal Remote Access	•	•	•
Linkus UC Clients Remote Connection	•	•	•
LDAP Server Remote Access	•	•	•
Function-based Security Control	•	•	•
Remote SIP Service*		•	•
Private & Secure Tunnel		•	•
Easy Remote SIP Endpoints Registration*		•	•
Granular Security Control		•	•
No Port Forwarding & NAT Issues		•	•
Call Center		•	•
Switchboard-type Queue Panel		•	•
Queue Callback for Reduced Call Abandonment		•	•
Real-time Metrics on Wallboard		•	•
SLA for Performance Measurement		•	•
Insightful Call Center Reports		•	•
Phonebooks		•	•
Call Accounting		•	•
CRM Integration		•	•
Contacts Synchronization, Call Pop-up, Call Journal, Click to Call		•	•
Supporting HubSpot, Zoho, Salesforce, Bitrix24, and Odoo		•	•
Help Desk Integration		•	•
Auto Ticket Creation, Contacts Synchronization, Call Pop-up, Call Journal, Click to Call		•	•
Supporting Zendesk and Zoho Desk		•	•
Microsoft 365 Integration		•	•
Azure Active Directory Integration		•	•
User Sync & Single Sign-on (SSO)		•	•
Microsoft Teams Integration		•	•
Outlook Integration		•	•
API		•	•

Windows Active Directory Integration			•
Video Calls			•
Video Calls on Linkus Web Client			•
Video Calls on Linkus Desktop Client			•
Video Calls on Linkus Mobile Client (iOS)			•
Video Conferencing			•
Bulk Email & Instant Link Invitation			•
HD Audio and Video			•
Screen Sharing			•
In-meeting Team Chat			•

Built-in Features for All Plans and the Appliance Edition

Telephony Features

- AutoCLIP
- Call Routing
- Call Forwarding
- Call Monitoring (Listen/Whisper/Barge-in)
- Call Parking
- Call Pickup
- Call Recording*
- Call Flip
- Call Switch
- Call Transfer (Attended & Blind)
- Call Waiting
- Caller ID
- Conference Rooms
- Speed Dial
- Dial by Name
- DNIS
- DID (Direct Inward Dialing)
- DND (Do Not Disturb)
- DOD (Direct Outward Dialing)
- CID-based & DID-based Call
- Allowed/Blocked Number
- Concurrent Registration for IP Phones

Business Features

- IVR
- Queue
- Ring Group
- BLF Support
- Paging & Intercom
- Operator Panel
  - Monitor Call Status (Inbound/Outbound)
  - Monitor Presence Status (Extension, Ring Group, Queue, Parking Slot)
  - Drag & drop Dispatch Call
  - Advanced Call Control
- Blocked & Allow Numbers
- Custom Prompts
- Distinctive Ringtone
- Music on Hold
- MOH Playlist & Streaming
- PIN List
- BLF Support
- LDAP Server
- Hot Desking
- T.38 Fax
- Remote Extensions
- Business Hours & Holidays
- Emergency Number
- Emergency Notification
- CDR & Basic Reports

Administration & Security

- Web-based Management Portal
- Graphical Dashboard
- Auto Provisioning
- Bulk Import & Export (Extension, Trunk, Route, Contacts)
- Extension Directory
- Group & Organization
- User Role & Permissions
- Operation Logs
- Event Logs & Notifications
- Backup and Restore
- Troubleshooting
- Built-in SMTP Server
- Network Drive
- AMI
- Remote Management
- Hot Standby
- Security
  - SRTP & TLS Call Encryption
  - Password Policy Enforcement
  - Auto & Static Defense
  - IP Blocklist
  - Global IP Blocklist
  - Country Allow/Block List
  - Outbound Call Frequency Restriction
  - Two-Factor Authentication (2FA)

Unified Communications

- Linkus UC Clients
  - Web Client
  - Mobile Client (iOS & Android)
  - Desktop Client (Windows & MacOS)
  - Google Chrome Extension
  - Presence
  - Native Contact Management (Personal Contacts, Company Contacts)
  - Audio Conferencing
  - WebRTC Audio Call
  - Function Keys on Web Client
  - CTI
  - Select & Dial with Hotkey on Desktop Client
  - Door Phone Video Preview on Linkus Web/Desktop Client
- Voicemail
  - Voicemail Transcription
  - Group Voicemail
  - Voicemail to Email
- Pop-up URL
- Microsoft Teams Integration (via Call2Teams)
- Headset Integration

Note:

1) **Remote Access Service, Remote SIP Service***: Since the Cloud Edition is inherently accessible from anywhere, Remote Access Service and Remote SIP Service are only for the Appliance and Software Edition.
2) **Easy Remote SIP Endpoints Registration***: Register your remote IP phones, branch office PBXs, VoIP gateways, and alike remote SIP endpoints to the PBX easily as if they were deployed on your PBX's intranet.
3) **Call Recording*:** The Call Recording feature is free of charge on the Appliance and Software Edition. As for the Cloud Edition, each PBX instance comes with 500 free recording minutes and more can be purchased additionally if needed.

Cloud Edition Turnkey Solution

- ☑ Faster Time to Market
- ☑ Easier Service Delivery
- ☑ Higher Return on Investment



The increased interest in UCaaS is creating tremendous opportunities for MSP, VAR, and other channel partners alike. As a ready-to-go deployment option, Yeastar P-Series Cloud Edition Turnkey Solution is designed for cloud-based communications service providers to jump-start business and drive revenue as fast as possible. With minimum upfront cost, technical expertise, and training, service providers can confidently deliver best-of-breed UCaaS while keeping complete ownership of their customers.

Make the move from CapEx to OpEx

For those looking to avoid the complexities of cloud infrastructure, this turnkey solution eliminates the hassle and initial expenditure of setting up your own servers, thus reducing your risk of introducing a new service. All it takes is to purchase hosting packages through Yeastar Partner Portal, and you are ready to sell to customers immediately.

On top of a high availability architecture

With redundant servers for real-time replication and seamless failover, load-balanced infrastructure for maximum resource utilization, SBC and other security mechanisms guarding against malicious attacks, there's no need to spend extra time, effort, and expense on the upkeep and maintenance of the delivery environment.

Speed up the roll-out of your service

Through a built-for-purpose service delivery platform, Yeastar Central Management, it only takes a few clicks to create PBX instances of different capacities. With multiple nodes across the globe, you can select preferred hosted servers closest to your customers. The PBX will be up and running right away. Whether serving a handful of users, or even thousands, that's not a problem.

Customize & scale on-demand

As a prime opportunity to grow, this solution also enables you to create your own service packages, bundle IP phones and other hardware, and adds on SIP trunking and other services. Moreover, it is clicks away to scale up and down services and upgrade subscription plans for various needs, which in turn leads to a stickier customer relationship.

One interface for operating convenience

Besides viewing all PBX instances and customers in a list view, you can edit them directly and create tasks to automatically perform upgrades and other operations. The real-time information of cloud PBXs, tasks, alarms, and more, is also displayed in a dynamic widget-based dashboard for you to learn how services are going on at a glance.

Spot issues before customers do

With YCM automatically monitoring the status of all your customers' PBX instances, you get instant alerts when threats, security-related risks, or any other critical system issues occur, and can quickly diagnose and troubleshoot them before they hurt your bottom line. It ensures more seamless service while taking a lot of burden off your shoulders.

SOFTWARE EDITION

General Specifications & Server Requirements

Software Edition General Specifications

Max. Extension	10,000	Operating System	Ubuntu 20.04 LTS
Max. Concurrent Calls	1000	Activation Method	Online /Offline Activation
Recommended Server Environment	VMware Workstation 15.1.0 or later; VMware ESXi 6.0 or later; Hyper-V 10.0.17134.1 or later; KVM; Proxmox VE 7.0 or later; Amazon AWS; Alibaba Cloud; Dell EMC PowerEdge;		

Virtual Machine Platform Requirements

Extension Number (Concurrent Calls)	**1-10** (1-3)	**11-20** (4-5)	**21-30** (6-8)	**31-40** (9-10)	**41-50** (11-13)	**51-150** (14-38)	**151-300** (39-75)	**301-500** (76-125)	**501-1000** (126-250)
vCPU	2	2	2	2	2	2	4	6	8
CPU Frequency	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	3.0 GHz
Memory	2 GB	2 GB	4 GB	4 GB	4 GB	4 GB	4 GB	6 GB	16 GB
Storage (Call Recording Disabled)	10 GB	20 GB	30 GB	40 GB	50 GB	50 GB	50 GB	100 GB	200 GB
Storage (Call Recording Enabled)	Recommended: 1 TB The capacity requirement depends on your total recording volume, 1000 mins = 1GB								

Cloud Server Requirement

Extension Number (Concurrent Calls)	**1-20** (1-5)	**21-50** (6-13)	**51-150** (14-38)	**151-300** (39-75)	**301-500** (76-124)	**501-1000** (126-250)
vCPU	2	2	2	4	6	8
CPU Frequency	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	3.0 GHz
Memory	2 GB	4 GB	4 GB	4 GB	6 GB	16 GB
Storage (Call Recording Disabled)	40 GB	40 GB	50 GB	50 GB	100 GB	200 GB
Storage (Call Recording Enabled)	Recommended: 1 TB The capacity requirement depends on your total recording volume, 1000 mins = 1GB					

Hardware Server Requirement

Extension Number (Concurrent Calls)	**1-1000** (1-250)	**1001-2000** (251-500)	**2001-4000** (501-1000)
Recommended Server	Dell EMC PowerEdge R350	Dell EMC PowerEdge R350	Dell EMC PowerEdge R750
CPU	• CPU: Intel(R) Xeon(R) E-2374G • CPU Frequency: 3.70GHz • CPU Count: 1 • Cores: 4 • Threads: 8	• CPU: Intel (R) Xeon (R) E-2386G • CPU Frequency: 3.50GHz • CPU Count: 1 • Cores: 6 • Threads: 12	• CPU: Intel (R) Xeon (R) Gold 6346 • CPU Frequency: 3.10GHz • CPU Count: 2 • Cores: 16 • Threads: 32
Memory	16 GB	16 GB	32 GB
Hard Disk	1 TB	1 TB	1 TB

For the server requirements for **PBX of more than 1000 concurrent calls**, please contact Yeastar for more details.

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 (USB Portable SSD, Up to 2TB) (USB Flash Drive, Up to 256)		
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		

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