P-Series Phone System

Go boundless with easy-first unified communications

Easy to Use   Easy to Manage   Easy to Integrate
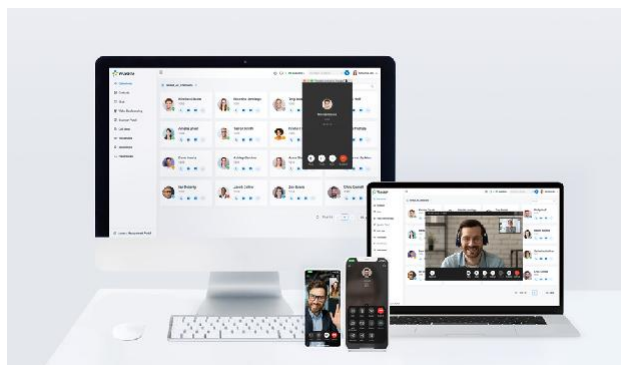
Easy to Adopt   Easy to Grow

Modern communications powering business productivity

Focusing on delivering "Easy-first Unified Communications", Yeastar P-Series Phone System offers companies of all sizes with a complete package for calls, video, messaging and integrations, out of the box.

With inbuilt visual call management, integrated video conferencing, advanced contact center features, and ready-made SMS, WhatsApp, Microsoft Teams, CRMs, and more platform integrations, P-Series boosts productivity at all levels and provides everything across desktop, mobile, and browser with simple user apps.

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. The ease of use and future-proof adaptability is paramount.

Easy-first Unified Communications

Video · Live Chat · Message · UC Clients · Call Center · Operator Panel · Contacts Management · Reports · Integrations · Remote Management · Auto Provisioning · Voice

- **More in One System**: Unify PBX, call center, live chat, omnichannel messaging, video meeting, and 3rd-party integrations in one simple solution.

- **Flexible Deployment Options**: In the cloud, on premise or hybrid with minimal setup hassle.

- **Leading Interoperability**: Support auto-provisioning 300+ popular phone models and SIP trunks from 130+ ITSPs worldwide.

- **Easy Administration**: Panel-based administration, granular permissions, advanced reporting, and more that make things straightforward.

- **Peace of Mind**: Highly reliable and secure, P-Series reduces security threats, toll fraud, and downtime through a hardened architecture and multi-layer security.

Feature Plans

Basic Telephony	Standard	Enterprise	Ultimate
Call Routing	●	●	●
Call Forwarding	●	●	●
Call Parking / Pickup	●	●	●
Call Transfer (Attended/Blind)	●	●	●
Call Waiting	●	●	●
Call Flip/Switch	●	●	●
Call Recording[1]	●	●	●
Ring Group	●	●	●
Paging & Intercom	●	●	●
Caller ID	●	●	●
Dial by Name	●	●	●
Speed Dial	●	●	●
AutoCLIP	●	●	●
CID/DID-based Call Routing	●	●	●
Direct Inward/Outward Dialing	●	●	●
DNIS	●	●	●
DND (Do Not Disturb)	●	●	●
Custom Prompts	●	●	●
Distinctive Ringtone	●	●	●
Music on Hold	●	●	●
MOH Playlist & Streaming	●	●	●
CDR & Basic Call Reports	●	●	●

Business			
Call Operator Panel	●	●	●
Desk Phone Control (CTI)	●	●	●
Function Keys	●	●	●
Feature Code	●	●	●
BLF Support	●	●	●
Busy Camp-on	●	●	●
Business Hours & Holidays	●	●	●
Boss-Secretary	●	●	●
Hot Desking	●	●	●
Emergency Calling	●	●	●
LDAP Server	●	●	●
TAPI Driver	●	●	●
Call Accounting		●	●

Unified Communications	Standard	Enterprise	Ultimate
Linkus UC Clients	●	●	●
- Web Client	●	●	●
- Mobile: iOS & Android	●	●	●
- Desktop: Windows & MacOS	●	●	●
- Google Chrome Extension	●	●	●
Presence & Custom Messages	●	●	●
Team Chat & File Sharing	●	●	●
Audio Conferencing	●	●	●
T.38 Fax	●	●	●
Fax to Email	●	●	●
Voicemail	●	●	●
Voicemail to Email	●	●	●
Voicemail Transcription[2]	●	●	●
Group Voicemail	●	●	●
Personal & Company Contacts	●	●	●
Call Pop-up URL	●	●	●
Voicemail Announcement		●	●
Phonebooks		●	●
Video Calls & Conferencing			●
Door Phone Video Preview			●

Integration			
Open APIs[3]	●	●	●
CRM & Helpdesk Integration Zoho CRM, Salesforce, HubSpot, Bitrix 24, Odoo, Zoho Desk, Zendesk		●	●
Messaging Channel SMS, WhatsApp, Facebook		●	●
Microsoft 365 Integration Teams, Outlook, Azure AD (Entra ID)		●	●
File Remote Archiving[4] Google Storage, Amazon S3, FTP, SFTP		●	●
Database Contacts Sync Microsoft SQL		●	●
Active Directory Integration			●
Linkus SDKs			●
Hotel PMS Integration[5]	Optional	Optional	Optional

Advanced Business	Standard	Enterprise	Ultimate
Remote Access Service (FQDN)[6]	●	●	●
Remote SIP Service (WebRTC Trunk & Effortless Offsite SIP)[7]		●	●
Hotel Management Module[10]	Optional	Optional	Optional

Call Center	Standard	Enterprise	Ultimate
IVR	●	●	●
Call Queue	●	●	●
Listen/Whisper/Barge Monitoring	●	●	●
Prority Queue & Acceleration	●	●	●
Queue Announcement	●	●	●
Queue Call Logs	●	●	●
Missed Call Disposition	●	●	●
Queue Callback		●	●
Skill-based Routing		●	●
Queue Panel		●	●
Wallboard		●	●
SLA Monitoring & Alerts		●	●
Post Call Survey		●	●
Call Center Reports		●	●
CRM & Helpdesk Integration		●	●

Live Chat & Messaging	Standard	Enterprise	Ultimate
Live Chat (Chat & Call)		●	●
WhatsApp Integration		●	●
Facebook Integration		●	●
SMS & MMS Integration		●	●
Central Inbox & Message Queue		●	●
External Call Logs		●	●

Administration	Standard	Enterprise	Ultimate
Web Admin Portal	●	●	●
Real-time Dashboard	●	●	●
Extension Group & Organization	●	●	●
User Role & Permission	●	●	●
IP Phone Auto Provisioning	●	●	●
Headset Integration	●	●	●
SIP Forking	●	●	●
PIN List	●	●	●
Event Logs & Notficatoins	●	●	●
Troubleshooting	●	●	●
Backup and Restore	●	●	●
Built-in SMTP Server	●	●	●
AMI (Asterisk Manager Interface)	●	●	●
Network Drive	●	●	●
SNMP Support	●	●	●
Hot Standby [8]	Optional	Optional	Optional
Disaster Recovery [9]			Optional

Security	Standard	Enterprise	Ultimate
SRTP & TLS Call Encryption	●	●	●
Auto & Static Defense	●	●	●
Global Anti-hacking IP Blocklist	●	●	●
Allowed Country IP's & Codes	●	●	●
Call Allow/Block List	●	●	●
Outbound Call Frequency Restriction	●	●	●
Password Policy Enforcement	●	●	●
Two-factor Authentication (2FA)	●	●	●

Plan and Deployment Mode

	Standard Plan	Enterprise Plan	Ultimate Plan
Deployment Mode	Appliance	Appliance, Software, Cloud	Appliance, Software, Cloud

Note: The P-Series Appliance comes pre-installed with all features in Standard Plan except for the Team Chat and the Remote Access Service feature. The Standard Plan is only available for P-Series Appliance Edition.

1 **Call Recording** is free on Appliance and Software Edition. The Cloud Edition includes 500 free recording minutes per PBX instance and more can be purchased additionally if needed.

2 **Voicemail Transcription**: Requires integration with Google Cloud Speech-to-Text Service.

3 **API**: Not support by P520.

4 **File Remote Archiving**: Requires Ultimate Plan for Cloud Edition; Requires Enterprise Plan for Appliance and Software Edition.

5 **Hotel PMS Integration**: Only supported by Appliance Edition (Except P520) and Software Edition.

6 **Remote SIP/Access Service:** The Cloud Edition is inherently accessible from anywhere and doesn't need the feature.

7 **Remote SIP Service**: Eliminates the need for port forwarding to register remote SIP endpoints (phones, branch office PBXs, VoIP gateways) to the PBX.

8 **Hot Standby**: Only supported by the Appliance and Software Edition. Requires an additional PBX redundancy server to function.

9 **Disaster Recovery**: Only supported by the Software Edition. Requires an additional PBX redundancy server to function.

10 **Hotel Management Module** is available as add-on for Appliance Edition. For Software and Cloud Edition, it's available with Enterprise Plan or higher.

Cloud Edition

The increased interest in UCaaS is creating tremendous opportunities for MSPs, VARs, and other channel partners. Yeastar P-Series Cloud Edition offers a ready-to-go turnkey solution, enabling you to quickly launch Cloud PBX business with just a few clicks and without setting up your own server. With minimal upfront costs and technical expertise, you can confidently deliver top-tier UCaaS while retaining full ownership of customers. For partners seeking more control, the P-Series Cloud Edition also supports BYOI (Bring Your Own Infrastructure), enabling you to host the entire UCaaS service delivery and management platform in your own cloud.

✓ Hosted by Yeastar   ✓ Faster Time to Market   ✓ Easier Service Delivery
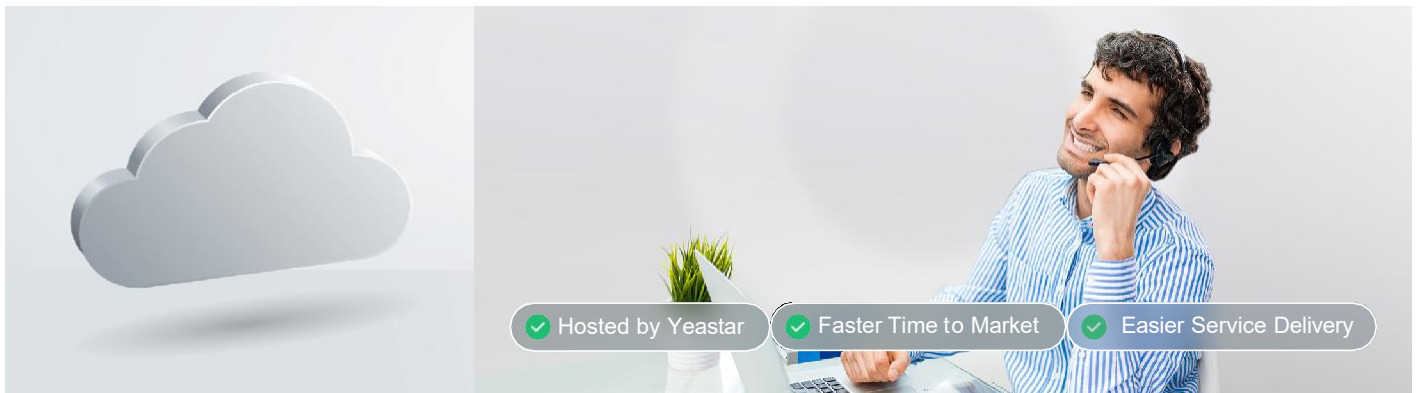
Make the move from CapEx to OpEx

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 (YCM), 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, Debian 12
Max. Concurrent Calls	1000	Activation Method	Online /Offline Activation
Recommended Server Environmen	On-premise: 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; Dell EMC PowerEdge; Cloud: Amazon Web Service (AWS); Microsoft Azure; Google Cloud; Amazon Lightsail; Digital Ocean; OVHcloud; HETZNER; Vultr; Voyager; Infomaniak, etc.		

Virtual Machine Platform Requirements					
Extension Number (Concurrent Calls)	1-20 (1-5)	21-50 (6-13)	51-250 (14-63)	251-500 (64-125)	501-1000 (126-250)
vCPU	2	2	4	6	8
CPU Frequency	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	3.0 GHz
CPU Family	Intel i3 (Gen.8) or equivalent	Intel i3 (Gen.8) or equivalent	Intel i5 (Gen.8) or equivalent	Intel i7 (Gen.8) or equivalent	Intel Xeon E5 v4 or equivalent
Memory	2 GB	4 GB	4 GB	8 GB	16 GB
Storage (Call Recording Disabled)	40 GB	40 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)	51-250 (14-63)	251-500 (64-125)	501-1000 (126-250)
vCPU	2	2	4	6	8
Memory	2 GB	4 GB	4 GB	8 GB	16 GB
Storage (Call Recording Disabled)	40 GB	40 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)	500-1000 (125-250)	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	P520	P550	P560	P570
Base Users / Max Users	20	50	100 / 200	300 / 500
Max Concurrent Calls	10	25	30 / 60	60 / 120
Base / Max Call Center Agents	20	50	100 / 200	300 / 500
Max FXS Ports	4	8	8	16
Max FXO/BRI Ports	4	8	8	16
Max GSM/3G/4G Ports	1	4	4	6
Max E1/T1/J1 Ports	-	-	1	2
Expandable D30	-	0	1	2
NFC Read/Write	No	Yes	Yes	Yes
Ethernet Interfaces	2 × 10/100 Mbps	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	DC 12V 1A	AC 100-240V 50/60HZ 0.6A max	AC 100-240V 50/60HZ 1.5A max	
Size (L x W x H) (cm)	16 x 16 x 3	34 x 21 x 4.4	44 x 25.2 x 4.4	44 x 25.2 x 4.4
Weight	0.3 KG	1.64 KG	2.37 KG	2.38 KG
Form Factor	Desktop & Wall-mount	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		

* The availability of the P520 PBX model is subject to regional sales policy.