

# Yeastar K2

## Large Capacity IP-PBX for Enterprises



Yeastar K2 is a large capacity pure IP-PBX designed for medium and large enterprises and supports 2000 users and 500 concurrent calls. Engineered for the communications needs of today and tomorrow, Yeastar K2 delivers rich enterprise-level features with exceptional reliability, and meets mobile workers' needs with Linkus Mobile Client. The pure IP telephone system can easily add Yeastar Gateways for FXS, FXO, GSM, WCDMA, ISDN BRI, and E1/T1/PRI ports.

### All-inclusive Features



The fully-fledged enterprise telephone system offers a complete range of business-enhancing features to handle everything you ask for a communication system and streamlines your operations. Advanced features like call recording and conferencing don't require any extra license fees.

### Auto Provision



Get your IP phones set up easily with Auto Provision feature. Auto Provision automatically detects phones from Yealink, Cisco, Polycom, Avaya, Snom, VTech, Alcatel, Panasonic, Htek, and Fanvil and helps you configure batch IP phones. Yeastar FXS VoIP Gateway can also be automatically added and configured in the Web GUI.

### Mobility



Employees on the go will benefit from a number of mobility features. Call forwarding, mobility extension, Linkus Mobile Client app on your cell phone, and more ensure that you are connected to the telephone system and your customer anywhere anytime.

### Redundancy



Two Yeastar K2 systems can create a highly available system for enterprises to prevent the unnecessary business loss caused by unexpected server failure. The failover happens immediately, so callers can still reach the people they need and business can continue as usual.

### Reliability



Backed by high-end CPU processor, Yeastar K2 brings stable performance, robust quality, and future communication demand together with one reliable enterprise telephone system.

### Easy Management



An intuitive Web-based GUI gives administrator full control of the system and also provides each user with Web-based user portal to allow easy access to their call history, call recordings, voicemails, and configure their personalize settings.

## Features

- Automated Attendant (IVR)
- Attended Transfer
- AutoCLIP
- Blind Transfer
- Blacklist/Whitelist
- Call Back
- Call Detail Records (CDR)
- Call Forwarding
- Call Monitor
- Call Parking
- Call Pickup
- Call Recording
- Call Routing
- Call Waiting
- Caller ID
- Conference
- Custom Prompt
- Dial by Name
- DISA
- Distinctive Ringtone
- DNIS
- Do Not Disturb (DND)
- Event Center
- Fax to Email
- Paging/Intercom
- Linkus Mobile Client\*
- Mobility Extension
- Multi-language System Prompt
- Multi-language Web GUI
- Music on Hold
- One Touch Recording
- Queue
- PIN List
- Phone Provisioning
- Status & Resource Monitor
- Ring Group
- SIP Forking
- SLA
- Speed Dial
- Time Condition
- User Portal
- User Permission
- Video Calls
- Voicemail
- Voicemail to Email
- Voicemail Forwarding

\* At most 500 extensions can activate Linkus.

## Hardware

- PowerEdge R230 server, V2
- Intel E3-1240 v5 3.5Ghz, 8M Cache, 4C/8T, turbo (80W)
- Up to 2 × 3.5" hard drives
- Integrated Dell Remote Access Controller (iDRAC8) Enterprise
- PCIe Riser with fan
- 2133MT/s UDIMMs
- Enhanced performance
- 8GB UDIMM, 2133MT/s, ECC
- 1TB 7.2K RPM SATA 6Gbps 3.5" cabled hard drive
- PERC H330 integrated RAID controller
- PERC H330 controller cable for PowerEdge R230
- Standard heatsink for PowerEdge R230
- DVD+/-RW SATA Built-in
- Single, cabled power supply, 250W
- Jumper cord, 10A, 4M, C13/C14 (China, Hong Kong, Korea)
- SATA CD-ROM cable for PowerEdge R230
- On-board LOM 1GBE dual port (BCM5720 GbE LOM)
- No operating system
- 39 months "Keep Your Hard Drive" service
- 1U/2U Static Rails for 2-post and 4-post racks
- No Raid, H330/H730 for SAS/SATA, cabled chassis

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## Specifications

Items	Model	K2
Users		2000
Max Concurrent Calls		500
VoIP Trunks		400 (Add Yeastar VoIP Gateways via VoIP trunks)
Protocol		SIP (RFC3261), IAX2
Transport Protocol		UDP, TCP, TLS, SRTP
Voice Codec		G711 (alaw/ulaw), G722, G726, G729A, GSM, Speex, ADPCM, iLBC
Video Codec		H263, H263P, H264, MPEG4
DTMF		In-band, RFC4733, RFC2833, SIP INFO
LAN		1 × 10/100/1000 Mbps
WAN		1 × 10/100/1000 Mbps
IP Services		Static IP, DHCP, VPN, Firewall, DDNS, PPPoE, QoS, Static NAT, STUN
Voicemail		40000 min (expandable)
Firewall		Yes
T.38 Fax		Yes
Redundant Power Supply		Optional
Hot Standby		Yes
App Center		Linkus Mobile Client, Auto Provision
Hard Disk		3.5" HDD, 1T or more
Power		AC100-240V, 50/60Hz, 4.0A-2.0A
Size (W x H x D)		43.4 cm × 4.28 cm × 62.5 cm
Weight		9 kg
Power Consumption		250W
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
Form Factor		1U Rack-mount

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