Yeastar K2
Large Capacity IP-PBX for Enterprises

Yeastar K2 and K2 Lite are large capacity pure IP-PBX designed for medium and large enterprises and support respectively up to 2000 users and 1000 users. Engineered for the communications needs of today and tomorrow, Yeastar K2 and K2 Lite deliver rich enterprise-level features with exceptional reliability, and meet mobile workers’ needs with Linkus UC Softphone. 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, Snom, 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, or K2 Lite 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 and K2 Lite bring 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 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, for K2
- Intel E3-1240 v5 3.0Ghz, 8M Cache, 4C/8T, for K2 Lite
- Up to 2 × 3.5” hard drives
- Integrated Dell Remote Access Controller (iDRAC8) Enterprise
- PCIe Riser wish 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
## Specifications

<table>
<thead>
<tr>
<th>Items</th>
<th>K2</th>
<th>K2 Lite</th>
</tr>
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<tbody>
<tr>
<td>Users</td>
<td>2000</td>
<td>1000</td>
</tr>
<tr>
<td>Max Concurrent Calls</td>
<td>500</td>
<td>200</td>
</tr>
<tr>
<td>VoIP Trunks</td>
<td>400 (Add Yeastar VoIP Gateways via VoIP trunks)</td>
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</tr>
<tr>
<td>Protocol</td>
<td>SIP (RFC3261), IAX2</td>
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<tr>
<td>Transport Protocol</td>
<td>UDP, TCP, TLS, SRTP</td>
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<tr>
<td>Voice Codec</td>
<td>G711 (alaw/ulaw), G722, G726, G729A, GSM, Speex, ADPCM, iLBC</td>
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<tr>
<td>Video Codec</td>
<td>H263, H263P, H264, MPEG4</td>
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<tr>
<td>DTMF</td>
<td>In-band, RFC4733, RFC2833, SIP INFO</td>
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<tr>
<td>LAN</td>
<td>1 x 10/100/1000 Mbps</td>
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<tr>
<td>WAN</td>
<td>1 x 10/100/1000 Mbps</td>
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<tr>
<td>IP Services</td>
<td>Static IP, DHCP, VPN, Firewall, DDNS, PPPoE, QoS, Static NAT, STUN</td>
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<tr>
<td>Voicemail</td>
<td>40000 min (expandable)</td>
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<tr>
<td>Firewall</td>
<td>Yes</td>
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<tr>
<td>T.38 Fax</td>
<td>Yes</td>
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<tr>
<td>Redundant Power Supply</td>
<td>Optional</td>
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<tr>
<td>Hot Standby</td>
<td>Yes</td>
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<tr>
<td>App Center</td>
<td>Linkus Mobile Client, Phone Provisioning, LDAP Server, Conference Panel, VPN Server, Billing App, Hotel App</td>
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<tr>
<td>Hard Disk</td>
<td>3.5” HDD, 1T or more</td>
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<tr>
<td>Power</td>
<td>AC100-240V, 50/60Hz, 4.0A-2.0A</td>
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<tr>
<td>Size (W x H x D)</td>
<td>43.4 cm x 4.28 cm x 62.5 cm</td>
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<tr>
<td>Weight</td>
<td>9 kg</td>
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<tr>
<td>Power Consumption</td>
<td>250W</td>
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<tr>
<td>Operation Range</td>
<td>0°C to 40°C, 32°F to 104°F</td>
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<tr>
<td>Storage Range</td>
<td>-20°C to 65°C, -4°F to 149°F</td>
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<tr>
<td>Humidity</td>
<td>10-90% non-condensing</td>
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<tr>
<td>Form Factor</td>
<td>1U Rack-mount</td>
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