Yeastar N1 Telephone System

N1 Core Server and Flexible Expansion Units

Yeastar N1 Telephone System comprises N1 Core Server and Expansion Units that deliver flexible telephony interfaces customization and efficient office communication to SMB. Deploy N1 to have analog phones, PSTN lines and other trunkings that best suit your needs in one system.

Cost-effective Telephone System for SMB

8 Expansion Ports for Flexible Combination

Powerful Telephony Features

Expansion Units Centralized Management

Expand as Your Business Grows

Specifications

- 8 Expansion Ports
- 100 Concurrent Calls
- 8 SIP Extensions
- 8 SIP Trunks
- 1 LAN 10/100/1000BASE-T
- 1 WAN 10/100/1000BASE-T
- SD Card Slot
- Dual Hard Drives (RAID 1)
- Up to 192 FXS Ports
- Up to 64 FXO Ports
- Up to 16 GSM Channels
- Up to 2 E1 Ports

Interfaces

- 8 Expansion Ports
- 1 LAN 10/100/1000BASE-T
- 1 WAN 10/100/1000BASE-T
- 2 HDD Slots
- 1 SD Card Slot
- 1 Console Port
- 1 USB Port

Telephony Features

- Attended Transfer
- Automated Attendant (IVR)
- Blind Transfer
- Busy Camp-on
- Call Barge-in
- Call Detail Records
- Call Duration Restriction
- Call Forwarding (All, Busy, No Answer)
- Call Hold
- Call Parking
- Call Pickup
- Call Recording
- Call Report
- Call Report Export
- Call Waiting
- Caller ID
- Conferencing
- Do Not Disturb (DND)
- Follow Me
- Hotline
- Intercom
- Last Caller Routing

- Music on Hold
- Music on Transfer
- One Touch Record
- Queues
- Ring Group
- Seize a Line
- Speed Dial
- Time Condition Routing
- Timed Reminder
- Voice Mail
- Voicemail to Email
- Voicemail Forwarding

Built-in Call Recording

- External SD Card Storage
- HDD Storage
- Network Disk Storage

Voice Processing

- Protocol: SIP (RFC3261)
- Transport: UDP, TCP, TLS, SRTP
- DTMF: RFC4733, SIP INFO, In-band
- Codec: G.711 (a-law, u-law), G.722, G.726, G.729 A/B, GSM, iLBC, Speex
- ITU-T G.168 LEC Echo Cancellation
- QoS (Voice Quality)

FXS & FXO Gateway Connectivity

- Polarity and Ring Answer Detection
- Busy Detection
- Caller ID: BELL202, ETSI (V23), NTT (V23-Japan), and DTMF-based CID
- Caller ID Detection

- Frequency Detection
- Hangup Detection
- Hangup Type: Busy Tone, Polarity Reversal
- Signaling: Kewl Start, Loop Start

System

- 8 SIP Extensions
- 8 SIP Trunks
- Backup and Restore
- Custom Prompts
- TA Gateway Centralized Management
- LED Indicators
- Packet Capture Tool
- PIN Settings
- RAID 1
- System Logs

Faxes

- T.30 & T.38 Fax
- Fax to Email
- Incoming Fax Tone Detection

Physical

- Size: 440 × 250 × 44 mm
- Power: AC 100-240V (12V, 2.1 A)
- 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

Expansion Units

Gateways	Interfaces
TA FXS VoIP Gateway	1, 2, 4, 8, 16, 24, 32 Ports
TA FXO VoIP Gateway	4, 8, 16 FXO Ports
Coming Soon	**Interfaces**
TG VoIP GSM Gateway	1, 2, 4, 8, 16 GSM/CDMA/UMTS
TE E1/T1/PRI VoIP Gateway	1, 2 E1 Ports
TB BRI VoIP Gateway	2, 4 BRI Ports