

Grandstream GXP1628 Small Business HD IP Phone



Product Name: Grandstream GXP1628 Small Business HD IP Phone

Manufacturer: Grandstream

Model Number: GXP1628

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The GXP1628 enhances any desktop with an efficient call environment, featuring a user-friendly interface and simple design. It includes a 132x48 backlit LCD screen, 2-line/SIP account keys, and 8 dual-color LCD BLF/speed-dial keys. With dual Gigabit ports and integrated PoE, the GXP1628 is adaptable to various deployment scenarios. Its built-in HD audio and 3 XML programmable soft keys offer additional customization and usability.

Grandstream GXP1628 Key Features:

- 2 SIP accounts, 2 line keys, 3-way conferencing, 3 XML programmable context-sensitive soft keys
- HD audio on speakerphone and handset
- Dual-switched Gigabit ports, integrated PoE

Like all Grandstream IP phones, the GXP1628 is equipped with advanced security encryption technology (SRTP and TLS). It supports a range of automated provisioning options, including zero-configuration with Grandstream's UCM series IP PBXs, encrypted XML files, and TR-069, making mass deployment effortless.

Efficient and User-Friendly Design

The GXP1628 offers an efficient call experience with its simple and easy-to-use interface, featuring a 132x48 backlit LCD screen, 2-line/SIP account keys, and 8 dual-color BLF/speed-dial keys. Its streamlined design makes it perfect for any desktop, providing essential features for smooth communication in a professional setting.

Enhanced Connectivity and Audio

Equipped with dual Gigabit ports and integrated PoE, the GXP1628 ensures fast, reliable connections, making it suitable for a variety of deployment scenarios. The phone also includes HD audio for crystal-clear sound quality and 3 XML programmable soft keys, giving users the flexibility to customize their call experience for improved productivity.

Secure and Easy Deployment

As with all Grandstream IP phones, the GXP1628 includes advanced security encryption (SRTP and TLS) to safeguard communications. It supports a range of automated provisioning options, such as zero-configuration with Grandstream's UCM series IP PBXs, encrypted XML files, and TR-069, making mass deployment easy and efficient for businesses.

Grandstream GXP1628 Technical Specification Protocols/Standards

• SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, S- record, CNAME, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, CDP/SNMP/RTCP-XR

Network Interfaces

• Dual switched auto sensing 10/100/1000 Mbps ethernet ports, integrated PoE

Graphic Display

• 132 x 48 backlit graphical LCD Display

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Feature Keys

• 2 line keys with dual-colour LED and 2 SIP accounts
• 3 XML programmable content sensitive soft keys
• 5 navigation menu keys
• 8 BLF keys
• 13 dedicated function keys for:

• Mute
• Headset
• Transfer
• Conference
• Send
• Redial
• Speakerphone
• Message
• Hold
• Page/Intercom
• Record
• Home

Voice Codecs

• Support for G.711&/a, G.722 (wide-band), G.723, G.726-32, G.729 A/B, iLBC, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC

Telephony Features

• Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 3-way conference, shared-call-appearance (SCA) / bridged-line-appearance (BLA), downloadable phone book (XML, LDAP, up to 1000 items), call waiting, call history (up to 200 records), off-hook auto dial, auto answer, click-to-dial, flexible dial plan, hot desking, personalized music ringtones, server redundancy & fail-over

Headset Jack

• RJ9 headset jack (allowing EHS with Plantronics headsets)

HD Audio

• Yes, HD Handset and speakerphone with support for wideband audio.

Base Stand

• Yes, 2 angled positions available, wall mountable

Wall Mountable

• Yes

QoS

• Layer 2 QoS (802.1Q, 802.1P)

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• Layer 3 QoS (ToS, DiffServ, MPLS)

Security

- User and administrator access control
- MD5 and MD5-sess based on authentication
- 256-bit AES encrypted configuration file
- TLS
- SRTP
- HTTPS
- 802.1x media access control

Multi-Language

• English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, simplified and traditional Chinese, Korean, Japanese and more

Upgrade/Provisioning

• Firmware upgrade via TFTP / HTTP / HTTPS, mass provisioning using TR-069 or AES, FTP/FTPS

Power & Green Energy Efficiency

• Universal Power Supply Input 100-240VAC 50-60Hz; Output +5VDC, 600mA; PoE: IEEE802.3af Class 2, 3.84W-6.49W; IEEE802.3az (EEE)

Physical

- Dimension - 220.5mm (L) x 192.5mm (W) x 76mm (H) (with handset)
- Unit Weight - 0.8kg
- Package Weight - 1.2kg

Temperature and Humidity

• Operation: 0°C to 40°C, Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing

Package Content

• GXP1628 phone, handset with cord, base stand, network cable, Quick installation guide, brochure and GPL License

Compliance

• FCC: Part 15 (CFR 47) Class B CE : EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1 RCM: AS/ACIF S004; AS/NZS CISPR22/24; AS/NZS 60950; AS/NZS 60950.1

Price: £49.30

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Options available for Grandstream GXP1628 Small Business HD IP Phone :

Need Product Setup / Training / Support?

Required - 30 minutes (+£40.00), Not Required, Required - 1 Hour (+£65.00).

Compatible Headsets

JPLConnect-2 binaural headset and disconnect cord (+£76.25), Not Required, Grandstream GUV3000 HD USB headset (+£35.00), JPL Connect-1 monaural headset and disconnect cord (+£65.20), Grandstream GUV3005 HD USB headset with busy-light (+£68.00).

Compatible Wireless Headsets

Plantronics CS520 Binaural wireless EHS headset (+£235.89), Not Required, Plantronics CS540 EHS Wireless headset (+£190.06).