

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 Grandstream GXP1628 is an IP phone designed for small to medium sized businesses. The GXP1628 includes 2 lines, 8 BLF keys and 3-way conferencing. It also offers dual switched gigabit network ports and a 132 x 48 backlit LCD display which allows easy viewing. This among many features allows the GXP1628 to be a versatile and high quality office phone.

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

Grandstream GXP1628 Technical Specification Protocols/Standards

- SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record,S-RV, 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

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.711μ/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

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- 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)
- Layer 3 QoS (ToS, DiffServ, MPLS)

Security

- User and administrator access control
- MD5 and MD5-session 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

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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: £54.15

Options available for Grandstream GXP1628 Small Business HD IP Phone :

Compatible Headsets

[JPLConnect-2 binaural headset and disconnect cord \(+£76.25\)](#), [Not Required](#), [JPL Connect-1 monaural headset and disconnect cord \(+£65.20\)](#).

Compatible Wireless Headsets

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