Grandstream GXP1620 HD IP Phone (Non PoE)

Product Name: Grandstream GXP1620 HD IP Phone (Non PoE)
Manufacturer: Grandstream
Model Number: GXP1620

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The Grandstream GXP1620 is a dependable IP phone designed for the needs of small business users. It provides a comprehensive set of robust VoIP features in a user-friendly, contemporary package.
Grandstream GXP1620 Key Features:

ï¿½ 2 SIP accounts, 2 line keys, 3-way conferencing, 3 XML programmable context-sensitive soft keys
ï¿½ Dual-switched 10/100 Mbps ports
ï¿½ HD audio on speakerphone and handset

Supporting up to 2 lines and delivering crystal-clear full HD audio through both the speaker and handset, it ensures impeccable communication clarity. These attributes establish the GXP1620 as a high-quality, user-friendly IP phone tailored for small businesses.
Reliable Basic IP Phone
The GXP1620 is a dependable basic IP phone designed for users who require standard features to manage light to medium call volumes. It supports 2 lines and SIP accounts, providing essential functionality for everyday communication. With crystal-clear HD audio, users can enjoy high-quality conversations, making it an effective choice for various work environments.

Essential Features for Productivity
This model enhances productivity with features such as 3-way conferencing and 3 XML programmable soft keys, allowing for quick access to frequently used functions. The dual-switched 10/100 Mbps ports facilitate flexible deployment, with the GXP1625 model offering integrated PoE for convenient power and network connectivity.

Advanced Security and Easy Deployment
As with all Grandstream IP phones, the GXP1620/25 incorporates state-of-the-art security encryption technologies like SRTP and TLS to protect communications. It also supports various automated provisioning options, including zero-configuration with Grandstream’s UCM series IP PBXs, encrypted XML files, and TR-069, simplifying mass deployment for businesses.

Grandstream GXP1620 Technical Specification
Protocols/Standards

ï¿½ SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A re- cord, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, CDP/SNMP/RTCP-XR

Network Interfaces

ï¿½ Dual switched auto-sensing 10/100 Mbps Ethernet ports, integrated PoE (GXP1625 only)

Graphic Display

ï¿½ 132 x 48 backlit graphical LCD Display

Feature Keys

ï¿½ 2 line keys with dual-colour LED and 2 SIP accounts

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ï¿½ 3 XML programmable content sensitive soft keys
ï¿½ 5 navigation menu keys
ï¿½ 13 dedicated function keys for:

ï¿½ Mute
ï¿½ Headset
ï¿½ Transfer
ï¿½ Conference
ï¿½ Send
ï¿½ Redial
ï¿½ Speakerphone
ï¿½ Message
ï¿½ Hold
ï¿½ Page/Intercom
ï¿½ Record
ï¿½ Home

Voice Codecs

ï¿½ Support for G.711µ/a, G.722 (wide-band), G.723, G.726-32, G.729 A/B, iLBC, inband and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC

Telephony Features

ï¿½ Hold, transfer, forward (unconditional/no-answer/busy), 3-way conferencing, call park/pickup, shared-call appearance (SCA) / bridged-line-appearance (BLA), Down- loadable 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

ï¿½ RJ9 headset jack (allowing EHS with Plantronics headsets)

HD Audio

ï¿½ Yes, HD Handseet and speakerphone with support for wideband audio.

QoS

ï¿½ Layer 2 QoS (802.1Q, 802.1P)
ï¿½ Layer 3 QoS (ToS, DiffServ, MPLS)

Security

ï¿½ User and administrator access control
ï¿½ MD5 and MD5-sess based on authentication
ï¿½ 256-bit AES encrypted configuration file
ï¿½ TLS
ï¿½ SRTP
ï¿½ HTTPS
ï¿½ 802.1x media access control

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Multi-Language

ï¿½ English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, simpli- fied and traditional Chinese, Korean, Japanese and more

Upgrade/Provisioning

ï¿½ Firmware upgrade via TFTP / HTTP / HTTPS, mass provisioning using TR-069 or AES encrypted XML configuration file, FTP/FTPS

Power & Green Energy Efficiency

ï¿½ Universal Power Supply Input 100-240VAC 50-60Hz; Output +5VDC, 600mA; PoE: IEEE802.3af Class 2, 3.84W-6.49W; IEEE802.3az (EEE) (GXP1625 only)

Physical

ï¿½ Dimension - 209mm (L) x 184.5mm (W) x 76.2mm (H) (with handset)
ï¿½ Unit Weight - 0.73kg
ï¿½ Package Weight - 1.1kg

Temperature and Humidity

ï¿½ Operation: 0°C to 40°C, Storage: -10°C to 60°C , Humidity: 10% to 90% Non-condensing

Package Content

ï¿½
GXP1620 phone, handset with cord, base stand, network cable, Quick installation guide, brochure and GPL License

Compliance

ï¿½ FCC: Part 15 (CFR 47) Class BCE : EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1RCM: AS/ACIF S004; AS/NZS CISPR22/24; AS/NZS 60950; AS/NZS 60950.1

Price: £31.50

Options available for Grandstream GXP1620 HD IP Phone (Non PoE) :

Need Product Setup / Training / Support?
Not Required,   Required - 1 Hour (+£65.00),   Required - 30 minutes (+£40.00).

Compatible Headsets
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),   JPLConnect-2 binaural headset and disconnect cord (+£76.25).

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Compatible Wireless Headsets

Not Required,   Jabra Pro 920 Mono with remote handset lifter (+£137.80),   Plantronics CS540 EHS Wireless headset (+£190.06),   Jabra GN1000 headset lifter (+£18.00),   Plantronics CS520 Binaural wireless EHS headset (+£235.89).