

# GXP1628

## Small Business HD IP Phone



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The GXP1628 is a powerful IP phone for small-to-medium businesses (SMBs). This Linux-based model includes 2 lines, 3 XML programmable soft keys, 8 BLF keys and 3-way conferencing. A 132x48 backlit LCD screen creates a clear display for easy viewing. Additional features such as dual switched gigabit network ports, HD audio, multi-language support, integrated PoE, and call-waiting allow the GXP1628 to be a high quality, versatile and dependable office phone.

## Feature Highlights

- 2 dual-color line keys (with 2 SIP accounts and up to 2 call appearances), 3 XML programmable context-sensitive soft keys, 8 BLF keys, 3-way conference, multi-language support
- Personalized music ring tone/ring back tone, and integration with advanced Web and enterprise applications, local weather service
- Dual-switched Gigabit network ports, integrated PoE
- Use with Grandstream's UCM6100 series IP PBX appliance for Zero-Config provisioning, 1-touch call recording and more
- HD wideband audio, full-duplex hands-free speakerphone with advanced acoustic echo cancellation, Electronic Hook Switch (EHS) with Plantronics headsets
- Automated provisioning using TR-069 or encrypted XML configuration file, SRTP and TLS for advanced security protection, 802.1x for media access control
- 132 x 48 pixel backlit graphical LCD display
- Large phonebook (up to 500 contacts) and call history (up to 200 records)

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## **Technical Specifications**

<b>Protocols/Standards</b>	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP
<b>Network Interfaces</b>	Dual switched auto-sensing 10/100/1000 Mbps Ethernet ports, integrated PoE
<b>Graphic Display</b>	132 x 48 backlit graphical LCD display
<b>Feature Keys</b>	2 line keys with dual-color LED and 2 SIP accounts, 3 XML programmable context sensitive soft keys, 5 (navigation, menu) keys, 8 BLF keys, 13 dedicated function keys for MUTE, HEADSET, TRANSFER, CONFERENCE, SEND and REDIAL, SPEAKERPHONE, VOLUME, PHONEBOOK, MESSAGE, HOLD, PAGE/INTERCOM, RECORD, HOME
<b>Voice Codexs</b>	Support for G.711 $\mu$ /a, G.722 (wide-band), G.723(pending), G.726-32, G.729 A/B, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO)
<b>Telephony Features</b>	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 500 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
<b>Headset Jack</b>	RJ9 headset jack (allowing EHS with Plantronics headsets)
<b>HD Audio</b>	Yes, HD handset and speakerphone with support for wideband audio
<b>Base Stand</b>	Yes, 2 angled positions available, wall mountable
<b>Wall Mountable</b>	Yes
<b>QoS</b>	Layer 2 QoS (802.1Q, 802.1P) and Layer 3 (ToS, DiffServ, MPLS) QoS
<b>Security</b>	User and administrator level access control, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control
<b>Multi-language</b>	English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, simplified and traditional Chinese, Korean, Japanese and more
<b>Upgrade/Provisioning</b>	Firmware upgrade via TFTP / HTTP / HTTPS, mass provisioning using TR-069 or AES encrypted XML configuration file
<b>Power &amp; Green Energy Efficiency</b>	Universal Power Supply Input 100-240VAC 50-60Hz; Output +5VDC, 600mA PoE: IEEE802.3af Class 2, 3.84W-6.49W
<b>Physical</b>	Dimension: 220.5mm (L) x 192.5mm (W) x 76.0mm (H) (with handset) Unit weight: 0.8kg; Package weight: 1.2kg
<b>Temperature and Humidity</b>	Operation: 0°C to 40°C, Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing
<b>Package Content</b>	GXP1628 phone, handset with cord, base stand, universal power supply, network cable, Quick Installation Guide, brochure, GPL License
<b>Compliance</b>	FCC: Part 15 (CFR 47) Class B CE : EN55022 Class B, EN55024 Class B; EN61000-3-2, EN61000-3-3, EN60950-1 RCM: AS/ACIF S004; AS/NZS CISPR22/24; AS/NZS 60950; AS/NZS 60950.1