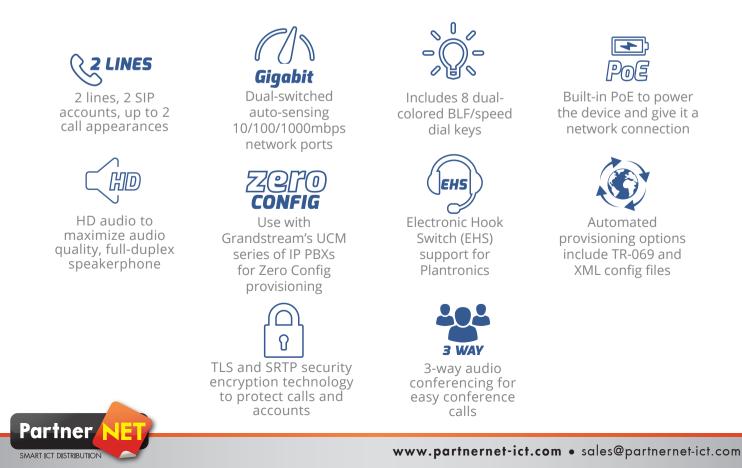# GXP1628

An entry-level Gigabit IP Phone

A high-end IP phone for small business users, the GXP1628 delivers a suite of powerful VoIP features in an easy-to-use fashion with a modern design. The GXP1628 offers support for up to 2 lines and features Gigabit ports to maximize connection speeds and call quality. The phone includes 8 BLF/speed dial keys that allows users to easily monitor presence and status of other extensions and transfer calls.

2 LINES
2 lines, 2 SIP accounts, up to 2 call appearances

Gigabit
Dual-switched auto-sensing 10/100/1000mbps network ports

Includes 8 dual-colored BLF/speed dial keys

PoE
Built-in PoE to power the device and give it a network connection

HD
HD audio to maximize audio quality, full-duplex speakerphone

zero CONFIG
Use with Grandstream's UCM series of IP PBXs for Zero Config provisioning

EHS
Electronic Hook Switch (EHS) support for Plantronics

Automated provisioning options include TR-069 and XML config files

TLS and SRTP security encryption technology to protect calls and accounts

3 WAY
3-way audio conferencing for easy conference calls

Protocols/Standards	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
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-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, SPEAKER-PHONE, VOLUME, PHONEBOOK, MESSAGE, HOLD, PAGE/INTERCOM, RECORD, HOME
Voice Codecs	Support for G.711μ/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)
Telephony Features	Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 3-way conference, shared-call-appearance (SCA) / bridged-line-appearance (BLA), down-loadable 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
Headset Jack	RJ9 headset jack (allowing EHS with Plantronics headsets)
Base Stand	2 angled positions available, wall mountable
Wall Mountable	Yes
QoS	Layer 2 QoS (802.1Q, 802.1P) and Layer 3 (ToS, DiffServ, MPLS) QoS
Security	User and administrator level access control, MD5 and MD5-sess based authenti-cation, 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 encrypted XML configuration file
Power & Green Energy Efficiency	Universal Power Supply Input 100-240VAC 50-60Hz; Output +5VDC, 600mAPoE: IEEE802.3af Class 2, 3.84W-6.49W
Physical	Dimension: 220.5mm (L) x 192.5mm (W) x 76.0mm (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, universal power supply, network cable, Quick Installation Guide, brochure, GPL License
Compliance	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

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