

Gigaset N670 IP PRO DECT Base Station (N670IP)



Product Name: Gigaset N670 IP PRO DECT Base Station (N670IP)

Manufacturer: Gigaset

Model Number: N670IP

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The Gigaset N670IP is the choice for cordless telephony convenience for up to 20 users. Up to 8 parallel calls guarantee a high degree of readiness in your business environment. Calls are secure due to SRTP. Contacts are always at hand on N670's central phonebook, or can be connected via LDAP, XML. With possibility to create own XHTML applications, users can access and control data relevant for business tasks. N670 is compatible to a large number of on-premise and cloud PBXs and easy to setup by autoprovisioning. N670 can grow with your business: By license it can be upgraded to multicell and extended by further base stations to reach a larger DECT coverage area. The Gigaset N870 Integrator software offers central management of N670 in different locations.

Gigaset N670IP Key Features:

- ½ Up to 20 users / SIP accounts / handsets (via License up to 250)
- ½ Single cell system (via license up to 250)
- ½ Up to 8 parallel calls
- ½ Central management of N670 in different locations by N870 Integrator software
- ½ LDAP(S) phonebook
- ½ Professional zero-touch configuration via auto-provisioning
- ½ IPUI based handset registration
- ½ uaCSTA support for CTI-integration
- ½ XHTML applications by customer
- ½ End-to-end signalling and voice encryption
- ½ LEDs on front for status and visual power check

DECT technology with full securityDECT Technology is secure because its digital and encrypted. Eavesdropping on a conversation is not possible wirelessly. In the N670IP System, SIP Security is added to the security of the network. End to end security is now ensured. Security includes SRTP/SIPS/TLS, LDAP(S) and HTTPS. Scalable and future-proofThe N670 DECT Multicell System is an expandable solution for any organisation. Start small and expand later when your business is requesting more users. Upgrade to multicell by license and support up to 60 base stations and 250 users. Combine different floors, buildings to one large communication network. ConnectivityThe N670 IP DECT base station is interoperable with many platforms and network providers. All recent professional handsets from Gigaset are compatible with N670 and integrate smoothly. A full and actual list from platforms, providers and handset compatibility can be found on our wiki. Easy setup and configurationAdministrators benefit from zero touch provisioning. The intuitive web based interface with online help, XML based configuration files, profiles and support of standard protocols make configuration extremely easy and fast.

Gigaset N670IP Technical Specification

Phonebook and dialling

- ½ Link to an external LDAP(S) phonebooks (up to 10)
- ½ XML directories
- ½ XSI directories (BroadSoft)
- ½ Central directory, hosted by N670
- ½ Search function and reverse lookup online
- ½ vCard support
- ½ Name indication for incoming calls, outgoing calls, missed call list, redial list
- ½ DTMF (SIP Info / RFC 2833, in-band)
- ½ Country specific call progress tones (provisionable)
- ½ CLIP, CNIP: Name indication for incoming calls, outgoing calls, missed call list, redial list

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- Name replacement from local phonebook and online directories (auto lookup)
- Calls lists: up to 50 calls (missed, received, dialled)
- XSI Call logs (Broadsoft)
- SIP MWI (Message Waiting Indicator) signalling for voice mail

Software

- Easy configuration via web browser
- Administrator friendly configuration via configuration file
- User specific Auto-provisioning: - via MAC address - via XML configuration file
- Firmware upgrade / downgrade
- Backup and restore functions
- Log to external syslog servers

Hardware

- Wall or ceiling mountable
- Antenna diversity
- 2 Status LEDs
- Reset key
- Ethernet RJ45 10/100 Mbps
- Power over Ethernet: PoE IEEE 802.3af class 1
- Colour: polar white SF9063
- Dimension: 180 mm (H) x 110 mm (W) x 42 mm (D)
- Two-year warranty
- Up to 20 accounts (1 for each user)
- MWI signalling configurable
- Failover: DNS SRV, Failover server
- Connect DECT sync/a-sync state with SIP registration (Handset off or out of range / de-register SIP)
- IPUI Provisioning
- xHTML Applications
- uaCSTA
- Local 3-Way Conference

Service

- Syslog
- PCAP tracing
- SNMPv3
- CLI - Command Line Interface for specific service cases
- Save and Restore
- Base station remote reset by power procedure
- Firmware update from server, file based, scheduled, automatically updating all base stations
- Visualisation Tool

Gigaset N870 Integrator software

- Central management of N670 in different locations

Technical specifications

- DECT EN 300 175-x
- Standards: GAP / pnCAP
- DECT radio coverage up to 50 m (indoor) and 300 m (outdoor)

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• Support of 120 DECT channels
• TLS1.0/1.1/1.2 for HTTPS and SIP, SIPS
• SIP (RFC3261, RFC2396, RFC2976)
• HTTP/Digest Authentication (RFC2617)
• Locating SIP Server (RFC3263)
• Call Transfer (RFC5589, RFC3515, RFC3891, RFC3892)
• MWI (RFC3265, RFC3842)
• SDP (RFC4566, RFC3264, RFC3555)
• RTP (RFC3550, RFC3551, RFC3555, RFC2833), SRTP, RTCP
• IPv4, IPv6, SNTP, DHCP (Option 1, 3, 6, 12, 15, 28, 42, 114, 120), DNS, TCP, UDP, VLAN (IEEE 802.1q)
• DNS SRV
• 8 simultaneous calls (G.711)
• Codecs G.711, G.722, G.729ab
• VAD/CNG (for G.729ab)
• QoS (RFC2474, RFC2475)
• Approvals: CE

Platform features

N670 supports many platforms, incl. Broadsoft and Asterisk. Visit the wiki for the latest overview and status. General Platform features include: - Network AM - Call transfer: attended, un-attended, semi-attended, blind - Call waiting - Call hold/toggle/resume - Call reject - CLIR - Call forwarding: CFU, CFNR, CFB - Distinctive Ring (Internal/External) - Auto-provisioning - Net directories via LDAP(S) - Group Pick-up

Dimensions and weight

Packaging - Dimension (l x w x h), 223 x 163 x 65 mm - Weight approx.: 380 grams
Device - Colour of the Housing: White - Dimensions (l x w x h), 180 mm (H) x 110 mm (W) x 42 mm (D) - Weight approx.: 220 grams

Environmental conditions

Protection class IP20 (indoor)
Operating temp: +5°C to +45°C
Storage temp: -20°C to +70°C
Relative Humidity: 20 % - 75 % non-condensation

Box contents

Main device
Security leaflet
Screws

Price: £103.40