



Product Name: Snom 320 IP Phone

Manufacturer: Snom

Model Number: SNOM320

Please note: snom 320 IP Phones do not include a mains power supply. If mains power is required, this can be added via the drop down menu above.

## snom 320 VoIP Phone

The snom 320 is a powerful IP business phone with many advanced features, including a two-line graphical display, 47 keys, speakerphone and headset connection. The snom 320 is remote-manageable and firmware upgradable, uniquely easy to install, and largely self-configuring.

## snom 320 IP Phone Key Features

- Two-line display with graphical field
- 12 programmable function keys
- Speakerphone
- Dual Ethernet connection
- Power over Ethernet
- Headset connection
- SIP RFC3261
- Security: SIPS/SRTP, TLS
- STUN, ENUM, NAT, ICE

The snom 320 supports a range of codecs including G.711, G.729A, G.723.1, G.722, G.726, GSM 6.10 (Full rate). This IP Phone also has very low energy consumption and national language support.

Note: The snom 320 is interoperable with Windows OCS. Please see the following links:

- How to Configure snom OCS
- Main Features of snom OCS
- Advantages of snom OCS [Video]

Note: Please refer to the snom IP Phone Range Detailed Comparison Table for more information.



## snom 320 VoIP Phone Technical Specifications

## General Features

- Dimensions: approx. 25 x 20 x 12 cm
- Weight: approx. 920 g
- Certifications: FCC Class B, CE Mark
- Power consumption: 2.1 – 2.4 watts

## Connectors

- 1 x LAN, 1 x PC: RJ45 (Ethernet)
- Power: 5 V DC (Power Supply not included in box)
- Ethernet: 2 x IEEE 802.3 10/100 Mbps switch
- Power over Ethernet: IEEE 802.3af, Class 1
- Handset: RJ-4P4C connector
- Headset: RJ-4P4C connector
- Expansion Module: Proprietary Snom connector

## User Interface

- 2 x 24 character, tiltable semi-graphical display with backlit
- 47 keys, 12 programmable function keys with LEDs (54 with the expansion module)
- Caller-ID
- Message waiting indication LED
- Address book (100 entries)
- Speed dialing
- Local dial plan
- Number guessing
- Lists of missed, received and dialed calls (100 entries each)
- Call waiting indication
- Clock, daylight saving, call-timer
- Call blocking (deny list)
- Blocking of anonymous calls
- Handling of up to 12 calls simultaneously
- Menu-driven user interface
- Ring tone selection, import of individual ringtones
- URL Dialing support
- National language support for selected languages (NLS)
- Do not disturb
- Speakerphone (full duplex)
- Auto answer mode
- Keyboard lock

## Call Features

- Hold
- Blind transfer, attended transfer
- Music on hold support (only via PBX)
- Divert
- Conferencing (3-way conference bridge on phone)
- Call park, call pickup (only via PBX)
- Call completion
- Client Matter Code (CMC)
- Call waiting/switching between calls
- Redialing
- RTP multicast paging
- Multiple audio device support

## Web Server

- Embedded web server HTTP/HTTPS
- Easy configuration of the phone, remote configuration
- Dial from web interface

- Password protection
- Diagnostics (tracing, logging, syslog)

## Security, Quality of Service

- HTTPS (server/client)
- Transport Layer Security (TLS)
- SRTP (RFC3711), SIPS
- RTCP, S-RTCP
- VLAN (IEEE 802.1X)
- LLDP-MED

## Codecs, Audio

- G.711 A-law, &micro;-law
- G.722, G.729A, G.723.1, G.726
- GSM 6.10 (full rate)
- Comfort noise, voice activity detection

## SIP

- RFC3261 compliance
- UDP, TCP and TLS
- Digest/basic authentication
- PRACK (RFC3262)
- Error-information support
- Reliability of provisional responses (RFC3262)
- Early media support
- DNS SRV (RFC3263), redundant server support
- Offer/answer (RFC3264)
- Message Waiting Indication (RFC3842), subscription for MWI events (RFC3265)
- Dialog-state monitoring (RFC 4235)
- In-band DTMF/out-of-band DTMF/SIP INFO DTMF
- STUN client, ICE (NAT traversal)
- ENUM (RFC3261), NAPTR (RFC2915), rport (RFC3581), REFER (RFC3515)
- Bridged line appearance (BLA)
- Auto provisioning with PnP
- Busy lamp field support (BLF)

## Installation

- Automatic software update
- Automatic settings retrieval via HTTP/HTTPS/TFTP with authentication
- Installation via web interface
- Static IP provisioning, DHCP
- NTP

**Price: £79.20**

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# Snom 320 IP Phone

Options available for Snom 320 IP Phone :

## **Snom Expansion Module**

Snom Expansion Module (+£86.00), - Not required -, 2 x Snom Expansion Module (+£172.00).

## **Headset**

Snom Mono Headset (+£35.00), QD1095 for GXP-2000 & Polycom IP 320/330 IP Phones, - Not Required -.

## **Power Supply Required?**

- Not Required -, 1 x UK Power Supply (+£6.50).

VoIPVN <http://voip.com.vn>