

snom ONE_{mini}

The Compact Energy Saver IP-PBX



- **Full featured IP-PBX**
- **Low power consumption**
- **No moving parts**
- **20 extensions**
- **Cell phone integration**
- **PoE connectivity**
- **PSTN connectivity through SIP trunks**
- **IPv6 ready**

The **snom ONE mini** is the ideal telephony system for small businesses and home offices requiring a compact, yet powerful, on-premise IP-PBX. The sleek, pint-sized, solid state device supports 20 extensions and offers the full range of snom ONE telephony features, as well as complete support for the award-winning snom IP desktop and wireless phones.

Keeping up with the demands of sustainability, the **snom ONE mini** is based on a low-power, high-performance ARM processor, ensuring significant energy savings compared to traditional IP-PBXs. Requiring less than 60 kWh per year, compared to 876 kWh per year for a PC-based IP-PBX, the **snom ONE mini** is the clear winner when it comes to efficient power utilization. Equipped with Gigabit

Ethernet connectivity, the device can be powered by an external power supply or PoE to minimize cabling. Furthermore, the solid-state design of the device means no moving parts and thereby increases the stability of the system and reduces noise pollution in the small office environment.

Fully compliant to the SIP standard, the snom ONE mini is able to support a large range of compatible devices and services. When used in combination with snom phones, the snom ONE mini can further provide advanced features such as automatic device setup and emulated shared line appearance. The snom ONE mini can also provide PSTN termination in conjunction with SIP-based PSTN gateways or through service providers that provide SIP

trunks over the Internet. The pre-installed snom ONE software on the device comes with 20 extensions and offers the full range of the snom ONE feature set.

The Linux OS gives administrators the flexibility to install additional services, such as VPN, DHCP server and VLAN to customize the device according to their specific needs.

To further ensure technology longevity, the **snom ONE mini** comes equipped with IPv6 support from day one.

Technical Data snom ONE_{mini}

HARDWARE SPECIFICATIONS

- CPU: 1.4 GHz ARM
- 512 NAND Flash
- 512 MB DDR2
- USB 2.0 port
- Ethernet: RJ45, IEEE 802.3/Gigabit
- PoE: IEEE 802.3af, Class 2
- Power: 5V == 1A max.
- Power adapter (included)
 - Input: 100–240V AC ~0.3A
 - Output: 5V == 2A max.

DIMENSIONS

165 mm (L) x 142 mm (W) x 28 mm (H)
(6.5" (L) x 5.6" (W) x 1.1" (H))

EXTENSION FEATURES

- Extension-specific dial plan, time zone and language support
- Multiple extension alias names
- ANI assignments
- Hot desking and call redirection
- Remote worker support
- Call pickup
- Park orbit
- Picture upload
- Emergency call recording
- Intercom (2-way) support
- Emergency dialing support
- EPID support for E911
- Call number limitation
- Multiple registrations per extension
- Call screening
- Presence and monitoring (BLF)

PROVISIONING

- Template based provisioning
- Provisioning of firmware
- Multicast plug and play
- TFTP, HTTP, and HTTPS support

SECURITY FEATURES

- SIP TLS transport layer
- SRTP media encryption
- HTTPS provisioning
- Selectable password policy
- Automatic blacklisting after unsuccessful authentication attempts (DoS Defense)
- Certificate support (ability to upload custom/customer-specific certificates)

NETWORKING SUPPORT

- Far-end NAT traversal with mini session border controller
- Multiple IP-address routing in SIP
- IPv4 and IPv6 support
- Multiple SIP, HTTP, and TFTP ports; all ports can be bound to specific IP addresses
- QoS definition
- Support for DNS A, AAAA, SRV and NAPTR
- ENUM support

GENERAL INFORMATION

- Ideal for systems up to 20 extensions
- Easy installation, no additional programs required
- Address book integration
- Caller-ID based agent preference routing
- Multiple call redirection events and destinations
- User input key handling
- Dynamic call routing (e.g., day/night mode)
- Web-based agent activity tracking
- Web-based[“] "call monitoring
- MoH mixing with announcements

MAILBOX

- Multiple prompts and name recording (from extension or web interface)
- Voicemail to email
- Moving and copying of messages to extensions and groups
- Message playback (FF and rewind)
- Message waiting support (MWI)
- PIN-code-based login
- Built-in Voicemail server

ADVANCED FUNCTIONALITY

- Auto attendants, hunt groups, agent groups
- Service flags, paging
- Cell phone twinning
- Conference rooms
- Music on hold support
- Microsoft Exchange 2007/2010 UM support
- Full system monitoring

SIP TRUNKING

- Multiple Trunks per domain
- DID-based inbound routing
- Registration for ITSP and PSTN gateways
- CO-line emulation
- Microsoft Exchange Support
- Inbound DTMF detection

CRM INTEGRATION

- CSTA support
- Use of favorite address book tools