# COMfortel® 2600 IP

Android™-based hybrid VoIP telephone (SIP and IP system phone), with 4.3" colour touch display and preconfigured answering machine

- Synchronisation of address books and calendar with Apple® iCloud (optional)
- Excellent acoustic performance due to wideband and artificial bandwidth expansion in narrowband conversations
- Headset socket with support for wireless headsets with electronic hook switch functionality (EHS)
- Encrypted signalling (SIPS) and voice data transmission (SRTP)
- Secure provisioning with device specific certificate

## Your advantages in detail

Whether it is operating as a hybrid VoIP telephone, either as a system telephone for our IP PBXs or as a standard SIP telephone for a software-based PBX or IP Centrex solution, the COMfortel 2600 IP keeps you in command of any situation, using the keyboard, four-way navigation key or, like a smartphone, via the touch display.

Its integrated telephone book has space for more than 2,000 entries, and, if required, your e-mails, calendar and contact data can be synchronised efficiently with the cloud. Using a VPN, you can even connect the telephone to a remote ITC PBX from home, and use its functions. SIPS and SRTP ensure no-one can listen in when you're calling over the Internet. The answering machine can be enabled with a standard SD card, and a separate interface that supports cordless EHS devices makes hands-free telephoning easier and more convenient. If the 15 individually programmable keys are not enough (for line busy, destination, system and SIP functions), you can program even more functions directly in the touch display or connect up to three key extension modules.

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# Features at a glance

## SYSTEM AND COMFORT FEATURES

- 15 programmable function keys, 2 levels
- Programmable function keys (8) as touch function in the display
- Automatic background illumination with adjustable brightness and switch-on time
- Individual background images and ring tones loadable
- Ringtone, handset and hands-free speaker volume adjustable
- Artificial voice bandwidth extension for consistently improved voice quality and intelligibility
- Microphone mute
- Calling number and name display (CLIP/CNIP) if registered in the local and the central phone book of the proprietary ICT system
- Online name search (reverse search), with proprietary ICT systems
- Phone book, >2,000 entries local
- Access to the central phonebook of the proprietary ICT system
- 100 list entries for callers, outgoing calls and redialling
- Power-safe mode
- Telephone lock, emergency calls possible
- Set-up angle adjustable in 3 steps

## VOICEMAIL

- Start-up with plugging a SD/SDHC card
- Announcements (25) and messages (250)
- Call acceptance and announcement dependent on type of call (int./ext./door/group)
- Total capacity depends on the used memory (1 GB represent approx. 30 h recording capacity)
- Voice recording and notepad function
- High-quality audio due to uncompressed recording
- Activation via function keys of the telephone
- Remote activation and message forwarding

## ANDROID OPERATING SYSTEM

- Innovative operating concept with touch, key and gesture control
- Alphanumeric Android keyboard via touch display
- Synchronisation incl. push of contacts, calendar and e-mail via CardDav/CalDav and Apple® iCloud [1]
- Free allocatable screens for apps, contacts and widgets

- Individualization with purchased or self-programmed apps

## IP FEATURES

- 100 accounts, useable with 10 providers, 1 account max. as system telephone
- SIP compliant (RFC 3261)
- Encrypted signalling (SIPS), RFC3261
- Encrypted speech data transmission (SRTP), RFC 3711 and RFC 4568
- Transport Layer Security (TLS)
- HTTP/HTTPS webserver integrated
- VPN client integrated (IPsec, OpenVPN)
- Integration of external subscribers, e. g. home offices, subsidiaries
- Digest authentification (MD5)
- VoIP codec G.722 (wideband) with supporting hardware, e.g. COMpact ICT systems (firmware from 7.2), Asterisk or IP-Centrex solutions
- VoIP codecs G.711µ-Law/a-Law and iLBC
- VoIP codec preselection
- Prioritisation of voice data (Diff Serv)
- High audio quality with echo cancellation
- Tone dialling during a call (RFC 2833, SIP Info, In-Band)
- Busy Lamp Field (BLF)
- Date and time via NTP
- LDAP
- Device control via action URLs possible
- Support of IP cameras, incl. PTZ control [1]
- VLAN support (IEEE 802.1q)
- STUN (UDP over NAT)
- Mass roll outs via provisioning server (HTTP, HTTPS, FTP and TFTP)
- Power over Ethernet possible (PoE, IEEE802.3af)

## COMMUNICATION PLATFORMS

- Asterisk Solutions
- IP-Centrex solutions, Hosted PBX
- Broadworks by Broadsoft

## COMPATIBLE PRODUCTS

- 90118 / COMpact 4000
- 90334 / COMpact 5200
- 90335 / COMpact 5200R

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- 90336 / COMpact 5500R
- 90670 / COMmander® 6000
- 90671 / COMmander® 6000R
- 90672 / COMmander® 6000RX
- 90582 / COMfortel® Xtension300
- 90573 / COMfortel® XT-PS
- 90347 / COMfortel® H-200
- 90348 / COMfortel H-500
- 90349 / COMfortel H-600
- 90668 / COMfortel® DECT Headset
- 90075 / COMfortel® PoE-100

## TECHNICAL SPECIFICATIONS

- Power supply: via PoE (according IEEE 802.3af, class 0)
- Power consumption: 2.4 W min. | 4.1 W max.
- Ethernet ports: 2 ports Ethernet switch 10/100 Base-T
- System connection: Ethernet 10/100 Base-T
- Key extension modules: up to 3 COMfortel Xtension300 modules, each with 30 function keys with 2 levels
- Headset: separate interface for corded and cordless speaker/microphone sets, also with EHS support

- Operating elements: dialling keys with vanity code, 12 function keys, 15 programmable function keys (2 levels)
- Memory: SD/SDHC card, up to 16 GB recommended, not included
- Display: TFT colour display (4.3" / 10,9 cm, 480 x 272 pixels) with resistive touch and 65,536 colours
- LEDs: 18, some multi-coloured
- Handset: wideband audio, electret-microphone, dynamical loudspeaker, hearing aid compatible
- Hook switch: magnetically switching contact
- Loudspeaker: 8 Ohm, Ø 52 mm
- Case: plastic
- Colour: black
- Dimensions (w x h x d): 275 mm x 128/150/170 mm x 210 mm
- Weight: approx. 1,050 g
- Compliance: CE

## DELIVERY

- Basic unit
- Handset with connection cable
- ISDN cable RJ-45/RJ-45 (approx. 3 m long)
- Installation manual and quick start guide

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[1] Paid activation required

| ORDERING INFORMATION | Designation: COMfortel® 2600 IP | Article number: 90073 | EAN Code: 4019377900734 |
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