

# Gigaset GX6 PRO

**5G business smartphone – Robustness in its most beautiful form**

## Highlights:

- Elegant & robust design combined with ultra fast 5G
- Ruggedized to military standard MIL-STD-810H + IP68 dust & waterproof
- Powerful and enduring 5000 mAh removable battery: Supports super fast charging up to 30 W and wireless fast charging up to 15 W
- Flat dual camera system with dual LED flash: 50 MP wide angle with Optical Image Stabilization (OIS) + 2 MP macro
- Large 6.6" FHD+ Punch-Hole display: High refresh rate up to 120 Hz, Brightness boost at sunlight (550 nits) and Corning® Gorilla® Glass protection
- High-performance 2.4 GHz Octa-Core processor MediaTek Dimensity 900 5G, 8 GB RAM and 128 GB internal memory
- Triple-Slot: Dual-SIM (SIM + eSIM) + Memory extension up to 1 TB
- Safer and faster wireless connectivity by Wi-Fi 6, Bluetooth 5.2 and NFC
- Programmable function key: Quick access to specific features or apps
- Biometric unlock: Fingerprint scanner on power button + Face recognition
- 16 MP front camera for high-resolution Videocalls and Selfies
- Easy operation even with wet hands and gloves



**MADE IN GERMANY**



## PRO options

- Administration- and device management: Android Enterprise™; Zero Touch; Team-Viewer compatibility
- Extensive customization options: Name and logo engraving; Packaging design; Bundling options; Pre-installed apps, wallpapers and sounds
- Optional arrangements of specific services

## Operating system

- Android™ 12 (Upgrade plan to 13 and 14)
- 5 years of security updates after launch

## Display

- Type FHD+ Punch-Hole display
- Screen size 6.6" / 163.71 x 75.21 mm
- Resolution 2412 x 1080 pixel
- Refresh rates 60 Hz, 90 Hz, 120 Hz
- Technology IPS
- Material Corning® Gorilla® Glass 5 with scratch-resistant and anti-smudge surface
- Number of colours 16.7 Mio.
- Touch Capacitive touch display with up to 10 touchpoints + Wet hands and gloves (up to 2 mm thickness) compatibility
- Pixel density 401 ppi
- Contrast 1200 : 1 (typ.)
- Brightness 500 nits (min.) / 550 nits (typ.)

## Processor

- Type MediaTek Dimensity 900 5G Octa-Core  
2x A78 up to 2.4 GHz  
6x A55 up to 2.0 GHz  
GPU Arm Mali-G68

## Storage

- Internal memory 128 GB (UFS 2.1)
- RAM 8 GB
- Memory extension up to 1 TB

## Camera

- Dual camera
  - Resolution 50 MP PDAF wide angel main camera with Optical Image Stabilization (OIS) + 2 MP macro
  - Aperture F1.88 (main camera) / F2.4 (macro)
  - Sensor size 1/1.55"
  - Pixel size 1.008 µm
  - LED flash Yes, dual LED flash
- Video recording
  - Resolution 4K UHD 2160p (3840 x 2160 pixel)
- Front camera
  - Resolution 16 MP FF
  - Aperture F2.0

# Gigaset

Wherever you go.

## Battery

- Capacity 5000 mAh (typ.)
- Type 4.4 V Lithium polymer battery
- Battery weight 75 g
- Exchangeable Yes, removable battery
- Talk time 4G: up to 24 hrs. / 5G: up to 22 hrs.
- Audio playback time up to 55 hours
- Video playback time up to 15 hours
- Charging time in 1 hour up to 90%\*\*
- Charger compatibility 5V/2A, 9V/2A up to 18W fast charging, 10V/3A up to 30W super fast charging (Power Delivery 3.0)
- Wireless charging Yes, up to 15W\* wireless fast charging (Qi-Standard)
- Gigaset BatteryLife+ Technology: Increases battery life by up to 50% with a preset charge limit at 90%\*\*

## Network specification

- SIM-Slots Dual-SIM (1x Nano SIM card + eSIM)
- Supported MHz
  - GSM / 2G 850 / 900 / 1800 / 1900
  - UMTS / 3G B1(2100) / B8(900)
  - TDD / LTE / 4G B38(2600) / B40(2300)
  - FDD / LTE / 4G B1(2100) / B3(1800) / B5(850) / B7(2600) / B8(900) / B20(800) / B28AB(700)
  - TDD / 5G B38(2600) / B40(2300) / B41(2500) / B77(3700) / B78(3500)
  - FDD / 5G B1(2100) / B3(1800) / B5(850) / B7(2600) / B8(900) / B20(800) / B28(700)
- Voice over LTE (VoLTE), Voice over WiFi (VoWiFi), Voice over New Radio/5G (VoNR/Vo5G), Video over LTE (ViLTE)\*\*\*

## Connectivity

- USB interface USB 3.0 Type-C with up to 5 Gbit/s data transmission
- Headphone jack Yes, 3.5 mm
- Wi-Fi IEEE 802.11 a/b/g/n/ac/ax (Wi-Fi 6) 2.4 GHz / 5 GHz  
Security/Encryption: WPA2, WPA3
- Bluetooth version Bluetooth 5.2
- NFC Yes
- Navigation GPS L1+L5 (dual antenna) & A-GPS, Galileo, Beidou, GLONASS, QZSS

## Sensors

- Gravity sensor (G-Sensor)
- Proximity sensor
- Barometer
- Brightness sensor
- Geomagnetic sensor (E-Compass)
- Gyroscope

## Other features

- Programmable function key for e.g. Zello PTT (Push-To-Talk)
- Fingerprint scanner on power button + Face recognition
- Noise-cancelling dual microphone + HD-Voice support
- Extra loud speaker with up to 110 dB at 5 cm
- Message LED
- FM radio
- OTG (USB On-The-Go)
- Eyelet for attaching a wrist strap
- Integrated camera-barcode-scanner

## Other characteristics

- Military standard MIL-STD-810H
- IP-Class IP68 dust and waterproof
- Drop resistance Up to 1.2 m height (on steel plate)
- Water resistance 1.5 m depth for 30 minutes
- Cleaning possibilities Washable with water, soap, alcohol or disinfectant
- Working temperature -10 °C to 45 °C environment temp.
- Charging temperature 0 °C to 45 °C environment temp.
- Storage temperature -40 °C to 70 °C environment temp.
- Roll-over specification 300 roll-overs from a height of 1 m
- Vibrations 20 to ~ 2000HZ  
1 H. Duration per axis
- Temperature shock -40 °C to ~ 80 °C, 24 full cycles  
within 48 hours
- Electrostatic discharge 12 KV air / 8 KV contact
- SAR Value Head: 1.359 W/kg; Body: 0.938 W/kg;  
Limb: 2.568 W/kg

## Housing

- Dimensions Height: 170.7 mm  
Width: 82.2 mm  
Depth: 11.9 mm
- Weight approx. 278 g
- Keys Power button, Volume up/down, Function key
- Material/Surface TPU double injection molding with aluminum/magnesium/titan frame + flexible, textured polycarbonate back cover
- Device colours Titanium Black, Titanium Grey

## Scope of supply

- 1x Gigaset GX6 PRO
- 1x USB Type-C cable
- 1x Wrist strap
- 1x User manual

\* Depends on the used charging pad and power supply

\*\* The battery charge limit can be deactivated at any time in the settings

\*\*\* Depends on operator support

Datasheet version 12.10.2022

# Gigaset

Wherever you go.