**SAMSUNG**

# Samsung Galaxy Note10+ 5G SM-N976B 17.3 cm (6.8") Single SIM Android 9.0 USB Type-C 12 GB 256 GB 4300 mAh Silver

**Brand :** Samsung          **Product family:** Galaxy          **Product code:** SM-N976BZSABTU

**Product name :** SM-N976B

- Immersive Infinity-O display
- Intelligent Battery
- Powerful new S Pen

6.8", Quad HD+ (3040 x 1440), 2.7 GHz Octa-Core, Dynamic AMOLED, 12 GB RAM, 256 GB, 10 MP Selfie Camera, Quad Camera 16 MP + 12 MP +12 MP, USB Type-C, NFC, 4G/5G, Android 9.0

Samsung Galaxy Note10+ 5G SM-N976B. Display diagonal: 17.3 cm (6.8"), Display resolution: 3040 x 1440 pixels, Display type: Dynamic AMOLED. Processor frequency: 2.7 GHz. RAM capacity: 12 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 16 MP, Rear camera type: Quad camera. SIM card capability: Single SIM. Operating system installed: Android 9.0. Battery capacity: 4300 mAh. Product colour: Silver. Weight: 198 g

## Display

| | |
|---|---|
| Display diagonal * | 17.3 cm (6.8") |
| Screen shape | Curved edge screen |
| Display type | Dynamic AMOLED |
| Display resolution * | 3040 x 1440 pixels |
| Display number of colours | 16 million colours |
| Touch technology | Multi-touch |
| High Dynamic Range (HDR) supported | ✓ |
| High Dynamic Range (HDR) technology | High Dynamic Range 10+ (HDR10 Plus) |
| Touchscreen type | Capacitive |
| Pixel density | 498 ppi |

## Processor

| | |
|---|---|
| Processor frequency * | 2.7 GHz |
| Processor cores | 8 |
| 64-bit computing | ✓ |
| Processor lithography | 7 nm |

## Storage

| | |
|---|---|
| User memory | 224.2 GB |
| RAM capacity * | 12 GB |
| Internal storage capacity * | 256 GB |
| Compatible memory cards * | MicroSD (TransFlash) |
| Maximum memory card size | 1 TB |

## Camera

| | |
|---|---|
| Rear camera resolution (numeric) * | 16 MP |
| Second rear camera resolution (numeric) | 12 MP |
| Third rear camera resolution (numeric) | 12 MP |
| Rear camera aperture number | 2.2 |
| Rear camera dual aperture number | 1.5/2.4 |
| Third rear camera aperture number | 2.1 |
| Rear camera pixel size | 1 μm |
| Second rear camera pixel size | 1.4 μm |
| Third rear camera pixel size | 1 μm |
| Rear camera field of view (FOV) angle | 123° |

## Network

| | |
|---|---|
| Bluetooth * | ✓ |
| Bluetooth version | 5.0 |
| Bluetooth Low Energy (BLE) | ✓ |
| 2G bands (primary SIM) | 850,900,1900 MHz |
| 3G bands supported | 850,900,1900,2100 MHz |
| 4G bands supported | 700,800,850,1800,1900,2100,2300,2500,2600 MHz |
| Near Field Communication (NFC) | ✓ |

## Ports & interfaces

| | |
|---|---|
| USB port * | ✓ |
| USB connector type | USB Type-C |
| ANT+ enabled | ✓ |

## Design

| | |
|---|---|
| Form factor * | Bar |
| Product colour * | Silver |
| Colour name | Aura Glow |
| International Protection (IP) code | IP68 |
| Protection features | Dust resistant, Water resistant |

## Performance

| | |
|---|---|
| Fast charging | ✓ |
| Wireless charging | ✓ |
| Fingerprint reader | ✓ |
| Face recognition | ✓ |

## Navigation

| | |
|---|---|
| Assisted GPS (A-GPS) | ✓ |
| GPS (satellite) | ✓ |
| GLONASS | ✓ |
| BeiDou | ✓ |
| Galileo | ✓ |
| Electronic compass | ✓ |
| Position location * | ✓ |
| Wi-Fi positioning | ✓ |

## Multimedia

| | |
|---|---|
| Speakers | stereo |

## Camera

| | |
|---|---|
| Second rear camera field of view (FOV) angle | 77° |
| Third rear camera field of view (FOV) angle | 45° |
| Optical zoom | 2x |
| Digital zoom | 10x |
| Front camera type * | Single camera |
| Front camera resolution (numeric) * | 10 MP |
| Front camera pixel size | 1.22 µm |
| Rear camera flash * | ✔ |
| Flash type | LED |
| Maximum frame rate | 960 fps |
| Resolution at capture speed | 1280x720@30fps, 1920x1080@60fps, 3840x2160@60fps |
| Video recording modes | 720p, 1080p, 2160p |
| Rear camera type * | Quad camera |
| Auto focus | ✔ |
| Zoom capability | ✔ |
| Face detection | ✔ |
| Video recording | ✔ |
| Video stabilizer | ✔ |
| Image stabilizer | ✔ |
| Self-timer | ✔ |
| Night mode | ✔ |

## Network

| | |
|---|---|
| SIM card capability * | Single SIM |
| Mobile network generation * | 5G |
| SIM card type * | NanoSIM |
| 2G standards | GSM |
| 3G standards * | TD-SCDMA, UMTS, WCDMA |
| 4G standard * | LTE |
| Wi-Fi * | ✔ |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |

## Multimedia

| | |
|---|---|
| Audio formats supported | 3GA, AAC, AMR, APE, AWB, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, WMA, XMF |
| Video formats supported | 3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV |

## Pen

| | |
|---|---|
| Pen included | ✔ |
| Pressure levels | 4096 |

## Software

| | |
|---|---|
| Platform * | Android |
| Operating system installed * | Android 9.0 |
| App distribution platform | Google Play |
| Virtual assistant | Samsung Bixby |

## Battery

| | |
|---|---|
| Wireless Power Share | ✔ |
| Battery capacity * | 4300 mAh |
| Talk time (4G) | 28 h |
| Browsing time (Wi-Fi) | 17 h |
| Browsing time (4G) | 16 h |
| Continuous audio playback time | 61 h |
| Continuous video playback time | 19 h |

## Sensors

| | |
|---|---|
| Proximity sensor | ✔ |
| Accelerometer | ✔ |
| Ambient light sensor | ✔ |
| Gyroscope | ✔ |
| Orientation sensor | ✔ |
| Barometer | ✔ |
| Geomagnetic sensor | ✔ |
| Hall sensor | ✔ |

## Weight & dimensions

| | |
|---|---|
| Width | 77.2 mm |
| Depth | 7.9 mm |
| Height | 162.3 mm |
| Weight * | 198 g |

## Packaging content

| | |
|---|---|
| AC adapter included | ✔ |
| Quick start guide | ✔ |

## Other features

| | |
|---|---|
| Touchscreen | ✔ |

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