

Essentials

Operating System

- Software release: Windows RT 8.1

Display

- Display size: 10.1"
- Display resolution: Full HD (1920 x 1080)
- Display colours: TrueColor (24-bit/16M)
- Pixel density: 219 ppi
- Display features: Orientation sensor, Refresh rate 60 Hz, Corning® Gorilla® Glass 3, Enhanced outdoor readability, Wide viewing angle
- Touch screen technology: Capacitive MultiPoint® Touch

Design

- Design details: Non-removable shell

Sensors

- Sensors: Ambient Light Sensor, Accelerometer, Proximity Sensor, Gyroscope, Magnetometer



Size & weight

- Length: 168 mm
- Width: 267 mm
- Thickness: 6.9 mm
- Weight: 615 g

Memory

- Main memory²: 32 GB
- RAM: 2 GB
- Expandable memory card type: MicroSD
- User data storage in device, Memory card

Battery²

- Replaceable battery: No
- Battery capacity: 8120 mAh
- Maximum standby time: 30 days

Keys and Input Methods

- User Input: Touch
- Dedicated hardware key: Volume Keys, Power/Lock key

Processor

- CPU name: Qualcomm® Snapdragon™ 800
- Number of cores: Quad-core
- Clock rate: 2000 MHz

Connectivity

Connectivity basics

- SIM card type: Micro SIM
- AV connectors: HDMI-D (ports), 3.5 mm audio connector
- Charging connectors: Proprietary charging connector
- System connectors: Micro USB AB
- USB: USB 3.0
- Bluetooth: Bluetooth 4.0
- NFC: Pairing, Sharing
- Wi-Fi: WLAN IEEE 802.11 a/b/g/n
- Wi-Fi hotspot: Up to 160 m in enabled devices

Local sharing

- Peer-to-peer sharing: Lumia Share/Share

Cellular connectivity³

- GSM network⁴: 850 MHz, 900 MHz, 1800 MHz, 1900 MHz
- GSM max data speed (S, HSPA): 210.8 Mbps
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- LTE FDD network: Band 20 (800MHz), Band 3 (1800 MHz), Band 7 (2600 MHz)
- LTE max data speed (S, HSPA): 100 Mbps (Cat. 4)

Maps and navigation

GPS and navigation⁵

- Location technologies: A-GPS/A-GPS, A-GPS
- Maps: Free maps, Offline maps, Online and offline favourites, Turn-by-turn route directions, Virtual maps - shopping and transport context
- Drive: Favorite destinations

Navigation apps



Camera

Main camera

- Main camera: 6.7 MP
- Camera Focus Type: Auto Focus
- Camera digital zoom: 4 x
- Camera optics: ZEISS optics
- Sensor size: 1/3.8 inch
- Camera f-number/aperture: f/1.9
- Camera focal length: 26 mm
- Camera maximum focus range: 10 cm

Front-facing camera

- Front camera HD: 1.2 MP wide angle
- Front camera f-number/aperture: f/2.4
- Front camera features: Self-image capture, Video call
- Front camera video resolution: 720p (HD), 1280 x 720

Video recording

- Main camera video resolution: 1080p (Full HD, 1920 x 1080)
- Camera video frame rate: 30 fps

Video and Audio

Audio

- Audio recording codecs: AAC LC
- Audio recording features: Memo, Voice recorder
- Audio playback features: Audio Streaming, Cloud music playback, Location, Media Player, Music player, Playlist in Music player, Selection of content in Music player, Virtual surround

Video playback

- Video playback codecs: H.264/AVC, MPEG-4
- Video streaming: YouTube streaming and video streaming, Streaming from video services and internet

Music apps



Device security

Device security

- General Security features: Device lock, Device lock passcode, Remote device wipe via Internet
- Enterprise security features: Mobile VPN, Data encryption for device
- Supported security standards: TLS v1.0, TLS v1.1, TLS v1.2, SSL v3.0
- WLAN Security: WPA2 Enterprise, WPA2 Personal

Environmental features

Environment

- Materials: Free of PVC, Free of nickel on the product surface
- Packaging: Made of renewable materials, Minimized package, Packaging is 100% recyclable, Containing up to 95% recycled materials, Virgin wood fibres up to 100% certified
- Energy efficiency: Automatic screen brightness adjustment, Battery save feature
- Product recycling: 100% recoverable as materials and energy
- Eco content and services: Available at Store, HERE Maps, protection navigation

Accessibility

Accessibility features

- Hearing: Closed captioning, Video call
- Vision: Voice recognition, Font magnification, Voice Commands, Screen magnification, Screen reader compatible
- Physical ability: Voice Commands, Voice recognition

Other services and features⁶

Tools and productivity

- Features (Personal information Management): Recorder, Calculator, Clock, Calendar, Alarm clock, Onboard
- Business apps: Lync (Corporate IM) free download, Microsoft Outlook, OneDrive storage for documents and notes
- Device management: Windows Update

Call management

- Call types: Audio call, Skype video call

Other Applications

- Game features: Xbox Live Hub

Messaging features

- Messaging features: Instant messaging

Browser

- Browser: Internet Explorer 11

Social apps



What's in the box

Contents

- Nokia Lumia 2520
- Nokia Wall Charger AC-900
- Printed material
- SIM Starter Key