Detailed specifications for the Nokia Lumia 735



[4.7''](http://www.microsoft.com/en-gb/mobile/phone/lumia735/specifications/#the-essentials) Display

[6.7 MP](http://www.microsoft.com/en-gb/mobile/phone/lumia735/specifications/#camera) Main camera

[8 GB](http://www.microsoft.com/en-gb/mobile/phone/lumia735/specifications/#the-essentials) Mass memory1

[4G LTE](http://www.microsoft.com/en-gb/mobile/phone/lumia735/specifications/#connectivity) Network

* Front camera:

**Full HD 5MP wide angle**

* Camera Flash Type:

**LED flash**

* Processor type:

**Quad-core 1.2GHz**

* Charging:

**Built-in wireless charging**

* Maximum talk time (3G):

**17**, **17.7**

* Maximum standby time:

**25**, **27**

* + **Operating System**
		- Software release: Windows Phone 8.1 with Lumia Denim
	+ **Size & weight**
		- Height: 134.7 mm
		- Width: 68.5 mm
		- Thickness2: 8.9 mm
		- Weight: 133.4, 134.3
	+ **Display**
		- Display size: 4.7 ''
		- Display resolution: HD720 (1280 x 720)
		- Display colours: TrueColor (24-bit/16M)
		- Display technology: OLED, ClearBlack
		- Pixel density: 316 ppi
		- Display features: Brightness control, Refresh rate 60 Hz, Sunlight readability enhancements, Corning® Gorilla® Glass 3, Easy to clean, High brightness mode, Wide viewing angle, Scratch resistant glass
		- Touch screen technology: Super sensitive touch
	+ **Memory**
		- Mass memory1: 8 GB
		- RAM: 1 GB
		- Maximum memory card size: 128 GB
		- Expandable memory card type: MicroSD
		- Free OneDrive storage built in up to3: 30 GB
		- User data storage: In device, Memory card, OneDrive cloud storage, App and data storage on memory card
	+ **Battery4**
		- Replaceable battery: Yes
		- Battery capacity: 2220 mAh
		- Battery voltage: 3.8 V
		- Charging: Built-in wireless charging
		- Wireless charging standard: Qi
		- Maximum standby time: 25, 27
		- Maximum talk time (2G): 22, 24.4
		- Maximum talk time (3G): 17, 17.7
		- Maximum music playback time: 60, 86
		- Maximum Wi-Fi network browsing time: 10.5 h
		- Maximum video playback time: 10.5, 9
	+ **Design**
		- Design details: Exchangeable shell, Solid colour polycarbonate
		- Other user interface features: Double-tap to wake, Vibrating alerts, Voice Commands, Word flow keyboard
	+ **Keys and Input Methods**
		- User Input: Touch
		- Operating keys: Volume keys, Power/Lock key
	+ **Sensors**
		- Sensors: Ambient light sensor, Accelerometer, Proximity sensor, Magnetometer, SensorCore
	+ **Processor**
		- CPU name: Qualcomm® Snapdragon™ 400
		- Number of cores: Quad core
		- Clock rate: 1200 MHz
	+ **Connectivity basics**
		- SIM card type: Nano SIM
		- AV connectors: 3.5 mm audio connector
		- Charging connectors: Micro-USB
		- System connectors: Micro-USB-B
		- USB: USB 2.0
		- Bluetooth: Bluetooth 4.0
		- Bluetooth profiles: Advanced Audio Distribution Profile (A2DP) 1.2, Audio/Video Remote Control Profile (AVRCP) 1.4, Generic Attribute Profile (GATT), Hands-free profile (HFP) 1.6, Object Push profile (OPP) 1.1, Personal Area Network Profile (PAN) 1.0, Phone Book Access Profile (PBAP) 1.1
		- NFC: Pairing, Secure NFC for payment, Sharing, Tagging
		- Wi-Fi: WLAN IEEE 802.11 b/g/n
		- Wi-Fi hotspot: Up to 8 Wi-Fi-enabled devices
		- Other wireless connectivity: Screen projection
	+ **Local sharing**
		- Peer-to-peer sharing: Lumia Beamer, Lumia Storyteller, Play To DLNA app
	+ **Cellular connectivity5**
		- GSM network: 850 MHz, 900 MHz, 1800 MHz, 1900 MHz
		- GSM max data speed DL: EGPRS 296.0 kbps
		- GSM max data speed UL: EGPRS 236.8 kbps
		- WCDMA network: Band 1 (2100 MHz), Band 2 (1900 MHz), Band 5 (850 MHz), Band 8 (900 MHz)
		- WCDMA max data speed DL: 21.1 Mbps (Cat 14), 42.2 Mbps (Cat 24)
		- WCDMA max data speed UL: 5.76 Mbps (Cat 6)
		- LTE FDD network: Band 13 (700MHz), Band 2 (1900 MHz), Band 20 (800MHz), Band 3 (1800 MHz), Band 4 (1700/2100 MHz), Band 7 (2600 MHz)
		- LTE max data speed DL: 150 Mbps (Cat 4)
		- LTE max data speed UL: 50 Mbps (Cat 4)
		- CDMA network bands: BC1 (1900 MHz), BC0 (850 MHz)
		- CDMA max data speed DL: Rev 0 /A 2.4 Mbps /3.1 Mbps
		- CDMA max data speed UL: Rev 0 /A 153.2 kbps /1.8 Mbps

* **[Maps and navigation](http://www.microsoft.com/en-gb/mobile/phone/lumia735/specifications/%22%20%5Cl%20%22maps-and-navigation)**
	+ GPS and navigation6
		- Location technologies: A-GLONASS, A-GPS, BeiDou, Cellular and Wi-Fi network positioning
		- Maps: Augmented reality with LiveSight, Free maps, Offline maps, Online and offline favourites, Pin places to Start screen, Venue maps - shopping and transport centers
		- Drive: Favorite destinations, Free global voice guided turn-by-turn drive navigation, Speed limit warnings
	+ Navigation app
	+ [**Camera**](http://www.microsoft.com/en-gb/mobile/phone/lumia735/specifications/#camera)
		- Main camera: 6.7 MP
		- Camera Focus Type: Auto focus
		- Camera digital zoom: 4 x
		- Camera optics: ZEISS optics
		- Sensor size: 1/3.4 inch
		- Main camera f-number/aperture: f/1.9
		- Camera focal length: 26 mm
		- Camera Flash Type: LED flash
		- Camera features: Backside-illuminated image sensor, True 16:9 sensor
		- Camera minimum focus range: 10 cm
	+ **Front-facing camera**
		- Front camera: Full HD 5MP wide angle
		- Front camera f-number/aperture: f/2.4
		- Front camera features: Focal length 24 mm, Still image capture, Video call, Video recording
		- Front camera video resolution: 1080p (Full HD, 1920 x 1080), 720p (HD, 1280 x 720)
	+ **Video recording**
		- Main camera video resolution: 1080p (Full HD, 1920 x 1080)
		- Camera video frame rate: 30 fps
		- Camera video zoom: 4 x
		- Video recording features: Video zoom, Continuous autofocus
		- Video recording formats: MP4/H.264

* **[Video and Audio](http://www.microsoft.com/en-gb/mobile/phone/lumia735/specifications/%22%20%5Cl%20%22video-and-audio)**
	+ **Audio**
		- Audio recording codecs: AAC LC, AMR-NB, GSM FR
		- Audio recording features: Mono
		- Audio playback features: Album graphics display in Music player, Audio Equalizer, Graphical equalizer, Media Player, Music Player, Podcasts, Virtual surround
		- Radio features7: Internet Radio, FM radio
	+ **Video playback**
		- Video playback frame rate: 30 fps
		- Video playback codecs: H.263, H.264/AVC, MPEG-4, VC-1, Windows video
		- Video streaming: YouTube browsing and video streaming, Streaming from video services and internet, Progressive video download
	+ **Tools and productivity**
		- Personal information management features: Calculator, Clock, Calendar, Alarm clock, Reminders, Phonebook, To-do list, Family Room, Kid's Corner, OneNote, Social networks in Phonebook, Wallet, Notifications
		- Business apps: Adobe Reader free download, Company Hub for enterprise applications, Lync (Corporate IM) free download, Microsoft Outlook, OneDrive storage for documents and notes, Office apps: Excel, Word, PowerPoint, OneNote
		- Back-up and restore your data: Yes
		- Syncronization: Exchange ActiveSync, Via Windows Phone apps, Photo Transfer for Mac
		- Device management: AirWatch, MobileIron, Symantec, Microsoft System Center, OMA Client Provisioning v1.1, OMA Device Management v1.1.2, OMA Device Management v1.2, Windows Intune
	+ **Call management**
		- Call types: Audio call, Conference call, Skype video call
		- Features (Call Management): Call waiting, Call history, Call forwarding, Integrated hands-free speakers, Speed dial, Voice mail
		- Noise cancellation: Multimicrophone uplink noise cancellation
		- Supported amount of phonebooks: One integrated phonebook
	+ **Other Applications**
		- Game features: Touch UI, XBox-Live Hub, DirectX 11
	+ **Email**
		- Email features: Viewing and editing of email attachments, Multiple email accounts, HTML emails, Inbox filtering, Text-to-speech message reader, Conversational view on email, Linked inboxes
	+ **Messaging features**
		- Messaging features: Text messaging, Automatic resizing of images for MMS, Distribution lists for messaging, Multimedia messaging, Conversational chat style SMS, Unified inbox for SMS and MMS, Concatenated SMS for long messages, Integrated text messaging and chat, Number screening for messaging, Text-to-speech message reader
	+ **Browser**
		- Internet browsers: Internet Explorer 11
	+ **Device security**
		- General security features: Device lock, PIN code, Device lock passcode, Regular signed firmware updates, Track and Protect via internet, Application certification, Application sandboxing, Backup and restore via Internet, Browser integrated anti-phishing, Remote device lock via Internet, Remote device wipe via Internet, Secure boot, Signed OS, Consumer VPN
		- Enterprise security features: Mobile VPN, Remote lock and wipe, Hardware accelerated device encryption, Mobile device management, Remote security policy enforcement
		- Supported security standards: TLS v1.0, TLS v1.1, TLS v1.2, SSL v3.0, Suite B ciphers
		- WLAN Security: EAP-TTLS/MSCHAPv2, WPA, WEP, EAP-AKA, PEAP-MSCHAPv2, WPA2 (AES/TKIP), WPA2-Enterprise, WPA2-Personal, EAP-TLS, WPA-Enterprise, EAP-SIM, WPA-Personal
	+ **Environment**
		- Materials: Free of PVC, Contains recycled metals, Free of nickel on the product surface, Contains bio plastics, Free of BFR
		- Packaging: Made of renewable materials, Minimized package, Packaging is 100 % recyclable, Virgin wood fibres up to 100% certified, Containing up to 30% recycled materials, Containing up to 25% recycled materials
		- Energy efficiency: Battery saver feature, Energy efficient charger
		- Product recycling: 100% recoverable as materials and energy
		- Eco content and services: Available at Store, HERE Drive: route optimization, HERE Maps: pedestrian navigation
		- User guide: In-device user guide, full on our websites, Small printed guide
	+ **Accessibility features**
		- Hearing: Vibrating alerts, BT neckloop compatible, TTY support
		- Vision: Vibrating alerts, Voice recognition, Font magnification, Voice Commands, Customizable home screen, High contrast mode, Screen magnification
		- Physical skills: Voice Commands, Customizable home screen, Speakerphone, Speed dial, Voice recognition