

Nokia E6 Technical Specifications

Nokia E6 combines a touch screen with a full QWERTY keyboard – ideal for fast, one-handed typing. This ultra compact smartphone comes with best-in-class Microsoft business apps and Ovi Maps with free GPS navigation worldwide.

Get work and personal emails in real time and create, edit and share Microsoft Office docs wherever you are. Nokia E6 also features preloaded messaging and social networking apps and five home screens with live updates 24/7.

Please see full list of technical specifications

Dimensions

- Size: 115.5 x 59 x 10.5 mm
- Weight (with battery): 133 g
- Volume: 66 cc



Available colours

- Black
- Silver
- White

Colour availability varies by country

Memory

- Internal memory: 8 GB
- Support for up to 32 GB with an external MicroSD memory card (with hot swap)
- Use as USB mass memory device for storing photos, documents and more*

* You need to use Nokia Adapter Cable CA-157 for this.

Battery Performance

- Talk time (maximum):
 - GSM 14 h 48 min
 - WCDMA 7 h 30 min
- Standby time (maximum):
 - GSM 681 h
 - WCDMA 744 h
- Video playback time (H.264 720p, 30 fps, maximum):
 - GSM 9 h
- Video recording time (H.264 720p, 25 fps, maximum):
 - 4.7 h
- Music playback time (offline mode, maximum):
 - 75 h

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Design

Display and User Interface

- Screen size: 2.46"
- TFT LCD
- Resolution: VGA (640 x 480), pixels per inch: 326ppi
- 16.7 million colours
- Capacitive touch screen
- Orientation sensor (Accelerometer)
- Compass (Magnetometer)
- Proximity sensor
- Ambient light detector

Personalisation

- Five customisable home screens:
 - menu
 - widgets
 - themes
 - shortcuts
 - icons
- Customisable profiles
- Ringtones: mp3, AAC, eAAC, eAAC+, WMA, AMR-NB, AMR-WB
- Themes
 - wallpapers
 - screensavers
 - audio themes
 - pre-installed themes
 - changeable colour themes

Keys and Inputs Methods

- Physical keys (call and end, power key, home, calendar, contacts and email key, lock key, volume keys, mute key)
- Finger touch control
- Full QWERTY keyboard
- Possibility to use capacitive stylus

Hardware

Power Management

- BP-4L 1500 mAh Li-Ion battery
- Talk time (maximum):
 - GSM 14 h 48 min
 - WCDMA 7 h 30 min
- Standby time (maximum):
 - GSM 681 h
 - WCDMA 744 h
- Video playback time (H.264 720p, 30 fps, maximum): 9 h
- Video recording time (H.264 720p, 25 fps, maximum): 4.7 h
- Music playback time (offline mode, maximum): 75 h

Operation times may vary depending on radio access technology used, operator network configuration and usage.

Memory

- Internal memory: 8 GB
- MicroSD memory card slot, hot swappable, up to 32 GB

Operating Frequency

- GSM/EDGE 850/900/1800/1900
- WCDMA 850/900/1700/1900/2100
- Automatic switching between WCDMA and GSM bands
- Flight mode

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Data Network

- GPRS/EDGE class B, multislots class 33
- HSDPA Cat9, maximum speed up to 10.2 Mbps, HSUPA Cat5 2.0 Mbps
- WLAN IEEE802.11 b/g/n
- Capability to serve as data modem
- Capability to serve as mobile WiFi hotspot
- Support for MS Outlook synchronisation of contacts, calendar and notes.

Requires data service. Data services may not be available in all networks. Data transmission speeds may be as high as HSDPA 10.2 Mbps, but may vary based upon network capabilities and other conditions. The establishment and continuation of a data connection depends on network availability, provider support and signal strength.

Connectivity

- Bluetooth 3.0
- 2mm Charging connector
- Micro USB connector and charging
- High-Speed USB 2.0 (micro USB connector) USB On-the-Go
- 3.5 mm AV connector with support for TV-out
- FM Radio

Software & applications

Software platform and user interface

- Symbian Anna
- Java Runtime 2.2 for Symbian
- Qt 4.7.3, Web Runtime 7.2 HTML 4.1
- Software up to date at all time with firmware Over the Air (FOTA) and Over the internet (FOTI) and independent application delivery
- Flash Lite 4.0
- OMA DM 1.2, OMA Client provisioning 1.1

Personal Information Management (PIM)

- Detailed contact information
- Calendar
- To-do list
- Notes
- Recorder
- Calculator
- Clock
- Support for MS Outlook synchronisation of contacts, calendar and notes

Applications

- Key applications: Calendar, Contacts, music player, internet, messaging, photos, Ovi Store, Maps, Videos, Web TV, Office document editors, Video and photo editor, Mail, Radio
- PC Applications: Nokia Ovi Suite, Nokia Ovi Player

Communications

Email and messaging

- Easy-to-use email client with attachment support for images, videos, music and documents .doc, .xls, .ppt, .pdf, .zip
- HTML support for email
- Unified email client for multiple protocols: Yahoo!® Mail, Gmail™, Windows Live™, Hotmail and other popular POP/IMAP services, Mail for Exchange
- Editing of key office documents
- Email web widget for home screen
- Support for Microsoft Communicator Mobile
- IM clients available from Ovi Store
- Unified MMS/SMS editor
- Conversational view for SMS

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Call management

- Contacts: advanced contacts database with support for multiple phone and email details per entry with personal thumbnail pictures and video clips
- Smart dialling to find phone numbers quickly
- Speed dialling, voice dialling (speaker independent) and voice command
- Logs of dialled, received and missed calls
- Conference calling
- Integrated handsfree speaker
- Video calling

Sharing & Internet

Browsing and internet

- Full web browsing of real web pages
- Web browsing with touch control
- Supported markup languages: HTML, XHTML MP, WML, CSS
- Supported protocols: HTTP v1.1, WAP
- TCP/IP support
- Visual history, HTML and JavaScript support
- Flash Lite 4 will support a majority of Flash Player 10.1 content
- Nokia Mobile Search
- RSS reader
- Support for streaming video
- Unified home screen access to Facebook and Twitter through Ovi by Nokia Social client
- Social networking profiles visible in phone contacts
- Upload and view photos and video and see locations via Ovi by Nokia Social client

Navigation

GPS and navigation

- Integrated GPS, A-GPS receivers
- Ovi Maps with free car and pedestrian navigation
- Wi-Fi network positioning
- Compass and accelerometer for correct orientation of maps on the display
- Download maps direct to the device over WLAN
- Use Nokia Ovi Suite to get the latest country maps for Ovi Maps for free
- Access relevant local content
- Share your real time location with comments
- Find out events close to your location
- Branded guides for Travel, Restaurant, Weather and Hotels

Photography

Camera

- 8 megapixel camera
- Full Focus
- Zoom up to 2x (digital) for still images
- Secondary camera for video calls (VGA, 640 x 480 pixels)

Other

- Internal memory: 8 GB
- MicroSD memory card slot, hot swappable, up to 32 GB
- High-Speed microUSB to PC connectivity

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Image capture

- Still images file format: JPEG/EXIF
- Automatic location tagging (Geotagging) of images and videos
- Images automatically taken in the correct orientation
- Pinch zoom in Photos image viewer
- View photos by tag cloud, month, album, slide show
- Photo editor

Video

Video cameras

- Main camera
 - 8 megapixel
 - HD quality 720p resolution
 - Shoot 16:9 videos in HD and 4:3 aspect ratio for 4:3 playback
- Video capture in 720p 25 fps with codecs H.264
- Settings for scene, video light, white balance, colour tone
- Secondary camera VGA for video calls

Video codecs and formats

- H.264 (base profile, main profile, high profile), MPEG-4, VC-1, Sorenson Spark, Real video 10
- Streaming: H.264, Flash Lite 4 (Flash 10 compatibility for video), On2 VP6, Sorenson Spark

Video sharing and playback

- HD 720p Video playback on HD TV
- Video playback: Composite video via 3.5mm AV connection

- Support for download, streaming, and progressive download
- Video editing software
- Videos application: collection of stored videos
- On demand WebTV widgets to watch local and global internet streaming TV
- Support for Flash video
- YouTube browsing and streaming
- Video call support (WCDMA network services)

Music & audio

Music features

- Flick scrolling user interface to browse the albums in your music collection
- Nokia Music Player
- Ovi Music store
- Audio codecs: MP3, WMA, AAC, eAAC, eAAC+, AMR-NB, AMR-WB
- Bit rate up to 320 kbps
- DRM support WM DRM, OMA DRM 2.0

Radio

- Stereo FM radio with RDS (87.5-108 MHz/76-90 MHz)

Gaming

Gaming

- Use the touch interface to play games
- Dedicated graphics processor with OpenGL 2.0 enables 3D graphics
- Java games
- Use the accelerometer to play games

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Environmental features

Energy efficiency

- Power Save mode, ambient light sensor, unplug charger reminder, Nokia Compact Travel Charger AC-15

Eco content and services

- Available at Ovi, maps for route optimization and pedestrian navigation

Materials

- Free of PVC, free of nickel on the product surface, free of brominated and chlorinated compounds and free of antimony trioxide as defined in Nokia Substance List.
- Recycled metals in inner parts of the product

Recycling

- All materials of the device can be recovered as materials and energy

Packaging

- Made of renewable, 100 % recyclable

User manual

- Interactive user help in device and online, only Quick Guide in the box

Package contents

Standard Sales Package

- Nokia E6-00
- Nokia Battery BP-4L
- Nokia High Efficiency Charger AC-15
- Nokia Stereo Headset WH-207
- Nokia Connectivity Cable CA-179
- Quick start guide

Accessories

Recommended accessories

- Nokia Bluetooth Stereo Headset BH-905i
- Nokia Bluetooth Headset BH-609
- Nokia Bluetooth Stereo Headset BH-505
- Nokia Extra Power DC-11K
- Nokia Universal Holder CR-115
- Nokia Car Kit CK-200

Using Nokia or other consumer internet services with your mobile device may involve transferring large amounts of data. Your service provider may charge for the data transmission. The availability of particular products, services, and features may vary by region. Please check with your local Nokia dealer for further details and availability of language options. These specifications are subject to change without notice.

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