

Nokia E7 Technical Specifications

Nokia E7 is the ultimate business smartphone with a 4" touch display for viewing full web pages and work docs, and a real QWERTY keyboard that's ideal for fast typing on the go.

Get work and personal emails in real time and create, edit and share Microsoft Office docs wherever you are. Nokia E7 also features Ovi Maps with free GPS navigation and an 8 megapixel camera with HD video.

Please see full list of technical specifications

Design

Dimensions

- Size: 123.7 x 62.4 x 13.6 mm
- Weight (with battery): 176 g
- Volume: 97.8 cc



Display and user interface

- Nokia ClearBlack display for improved outdoor visibility
- Screen size: 4"
- Resolution: 16:9 nHD (640 x 360 pixels) AMOLED

- 16 million colours
- Capacitive touch screen
- Orientation sensor (Accelerometer)
- Compass (Magnetometer)
- Proximity sensor
- Ambient light detector

Keys and input methods

- Full QWERTY keyboard
- Home key, Power key, Lock key, Camera key, Volume key
- Finger touch support for text input and UI control
- On-screen alphanumeric keypad and full keyboard
- Possibility to use capacitive stylus

Colours

- Anodised aluminium casing available in:
 - Dark grey
 - Silver white
 - Blue
 - Green
 - Orange



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Personalisation

- Up to three 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

Hardware

Power Management

- BL-4D 1200 mAh Li-Ion battery
- Talk time (maximum):
 - GSM up to 540 mins (9 h)
 - WCDMA up to 300 mins (5 h)
- Standby time (maximum):
 - GSM up to 430 h
 - WCDMA up to 470 h

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

Memory

- Internal memory: 16 GB

Operating Frequency

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

Data Network

- GPRS/EDGE class B, multislots class 33
- HSDPA Cat9, maximum speed up to 10.2 Mbps, HSUPA Cat5 2.0 Mbps
- WLAN IEEE 802.11 b/g/n
- Capability to serve as data modem
- 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
- HDMI
- High-Speed USB 2.0 (micro USB connector)
- Micro USB connector and charging
 - USB On-the-Go
- Standard 3.5 mm AV connector
 - FM Radio

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Software & applications

Software platform & user interface

- Symbian^3 OS for Nokia
- Java MIDP 2.1
- Qt 4.6.2, Web Runtime 7.2
HTML 4.1
- Software updates Over the Air (FOTA) and Over the internet (FOTI)
- Flash Lite 4.0
- OMA DM 1.2, OMA Client provisioning 1.1

Personal Information Management (PIM)

- Detailed contact information
- Multiple calendars with meeting request support
- To-do list
- Notes
- Recorder
- Calculator
- Clock
- Support for MS Outlook synchronisation of contacts, calendar and notes

Applications

- Preloaded applications
 - Mail for Exchange
 - Quickoffice dynamic premium
 - Adobe PDF reader
 - F-Secure Anti-theft for Mobile
 - Ovi Maps with free GPS navigation
- PC Applications
 - Nokia Ovi Suite
 - Nokia Ovi Player

Communications

Email and messaging

- Easy-to-use email client with attachment support for e.g. images, videos, music and documents .doc, .xls, .ppt, .pdf, .zip
- Full screen email viewer with HTML support
- 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 widget for home screen
- Chat instant messaging support: OVI Chat, Yahoo, AIM, Windows Live, Gtalk, MySpace*
- Unified MMS/SMS editor
- Conversational view for SMS
- Push email and expanded portal support available through Nokia Messaging for Email and Instant Messaging

*Some services may be available only via downloading or dependent on the market Only devices that offer compatible multimedia message or email features can receive and display multimedia messages. Content appearance may vary. Some images and ring tones can not be forwarded.

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

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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
- Social networking events visible in phone calendar

Navigation

GPS and navigation

- Integrated GPS, A-GPS receivers
- Ovi Maps with free car and pedestrian navigation
- Wi-Fi Positioning
- Compass and accelerometer for correct orientation of display
- Use Nokia Ovi Suite to get the latest country maps for Ovi Maps for free

* Downloading of maps over-the-air 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

Photography

Camera

- 8 megapixel camera
- Fullscreen 16:9 viewfinder with easy-to-use touch screen parameters
- Dual LED flash
- Face recognition software
- Still images file format: JPEG/EXIF
- Zoom up to 2x (digital) for still images
- Zoom up to 3x (digital) for video
- Secondary camera for video calls (VGA, 640 x 480 pixels)

Image capture

- Automatic location tagging (Geotagging) of images and videos
- Images automatically taken in the correct orientation
- Pinch your fingers to zoom in Photos image viewer
- View photos by tag cloud, month, album, slide show
- Photo editor

Other

- Internal memory: 16 GB
- High-Speed microUSB to PC connectivity

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Video

Video cameras

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

Video sharing and playback

- HD 720p Video playback on HD TV through HDMI cable
- *Dolby Digital Plus surround sound when played with HDMI and a home theatre
- 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)

*Dolby Digital Plus technology. Dolby is a registered trademark of Dolby Laboratories.

Video codecs & 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

Music & audio

Music features

- Album art user interface to browse the albums in your music collection
- Ovi Music Unlimited service in selected markets
- Nokia Music Player
- Ovi Music store
- Audio codecs: MP3, WMA, AAC, eAAC, eAAC+, AMR-NB, AMR-WB, E-AC-3, AC-3
- Bit rate up to 320 kbps
- DRM support WM DRM, OMA DRM 2.0

Radio

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

Gaming

Gaming

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

*Preloaded games may vary by sales region.

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Environmental features

Energy efficiency

- Power Save mode, ambient light sensor, unplug charger reminder, High Efficiency Charger AC-10

Eco content and services

- Available at Ovi, pre-installed eco wallpapers and ringtones, maps for route optimisation and pedestrian navigation

Materials

- Free of PVC, free of brominated and chlorinated compounds and free of antimony trioxide as defined in Nokia Substance List, bio-based materials in inner parts of the product.

Recycling

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

Packaging

- Made of renewable, up to 60 % recycled material, 100 % recyclable

User manual

- Interactive user help in device and online, only Quick Guide in the box, eco tips on Green Page

Package contents

Standard Sales Package

- Nokia E7
- Nokia Battery BL-4D (embedded)
- Nokia Connectivity Cable CA-179
- Nokia Adapter for HDMI CA-156
- Nokia Adapter Cable for USB OTG CA-157
- Nokia Stereo Headset WH-205
- Nokia High Efficiency Charger AC-10
- Nokia SU-36 (selected markets only)
- Quick start guide

Accessories

Recommended accessories

- Nokia Bluetooth Stereo Headset BH-905i
- Nokia Car Kit CK-200
- Nokia Mobile Holder CR-122
- Nokia Bluetooth Headset BH-609
- Nokia Extra Power DC-11
- Nokia Carrying Case CP-520

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Disclaimer:

The information in this data package may not always be current due to issues with update frequencies.

For the most up-to-date information on Nokia E7 technical specifications, features and services compatibility please refer to your local market Nokia.com website E7 product specifications page.

Alternatively you can also visit: <http://europe.nokia.com/find-products/devices/nokia-e7/specifications>