

## Nokia

### Nokia E71

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#### Technical specifications

##### Physical features, power and memory Size

- \* Form: Monoblock with full keyboard
- \* Dimensions: 4.49 x 2.24 x 0.39 in
- \* Weight: 4.47 oz
- \* Full keyboard
- \* High quality QVGA display

##### Display and 3D

- \* Size: 2.36"
- \* Resolution: 320 x 240 pixels (QVGA)
- \* Up to 16 million colors
- \* TFT active matrix (QVGA)
- \* Two customizable home screen modes

##### Security features

- \* Device lock
- \* Remote lock
- \* Data encryption for both phone memory and microSD content
- \* mobile VPN

##### Keys and input method

- \* Full keyboard
- \* Dedicated one-touch keys: Home, calendar, contacts, and email
- \* Speaker dependent and speaker independent voice dialling
- \* Intelligent input with auto-completion, auto-correction and learning capability
- \* Accelerated scrolling with NaviTMKey
- \* Notification light in NaviTMKey

## Colors and covers

- \* Available in-box colors:
  - Grey steel
  - White steel

## Connectors

- \* Micro-USB connector, full-speed
- \* 2.5 mm Nokia AV connector

## Power

- \* Battery: BP-4L 1500 mAh Li-Po standard battery
- \* Talk time:
  - GSM up to 10 h 30 min
  - WCDMA up to 4 h 30 min
- \* Standby time:
  - GSM up to 17 days
  - WCDMA up to 20 days
  - WLAN idle up to 6.9 days
- \* Music playback time (maximum): 18 h

## Memory

- \* microSD memory card slot, hot swappable, max. 8 GB
- \* ~110 MB internal dynamic memory

## Communication and navigation

### Communication and navigation

### Operating frequency

- \* Quad-band EGSM 850/900/1800/1900 MHz, WCDMA 850/1900 MHz, HSDPA
- \* Offline mode

## Data network\*

- \* HSCSD
- \* GPRS class A, multislots class 32, maximum speed 100/60 kbps (DL/UL)
- \* EDGE class A, multislots class 32, maximum speed 296/177.6 kbps (DL/UL)
- \* WCDMA 850/1900 MHz, maximum speed 384/384 kbps (DL/UL)
- \* HSDPA class 6, maximum speed 3.6 Mbps/384 kbps (DL/UL)
- \* WLAN IEEE 802.11b/g
- \* WLAN Security: WEP, 802.1X, WPA, WPA2
- \* TCP/IP support
- \* Nokia PC Internet Access (capability to serve as a data modem)

- \* IETF SIP and 3GPP

- \* Requires GPRS service. GPRS may not be available in all networks. GPRS data transmission speeds may be as high as 296 Kbps, but may vary based upon network capabilities and other conditions. The establishment and continuation of a GPRS connection depends on network availability, provider support and signal strength.

Local connectivity and synchronization

- \* Infrared, maximum speed 115 kbps
- \* Bluetooth version 2.0 with Enhanced Data Rate
  - Bluetooth profiles: DUN, OPP, FTP, SPP, HFP, GOEP, HSP, BIP, RSAP, GAVDP, AVRCP, A2DP
- \* MTP (Multimedia Transfer Protocol) support
- \* Network (Raw). Direct TCP/IP socket connection to any specified port (a.k.a HP JetDirect™).
- \* Network (LPR). Line Printer Daemon protocol (RFC1179).
- \* Support for local and remote SyncML synchronization, iSync, Intellisync, ActiveSync

#### Call features

- \* Integrated handsfree speakerphone
- \* Automatic answer with headset or car kit
- \* Any key answer
- \* Call waiting, call hold, call divert
- \* Call timer
- \* Logging of dialed, received and missed calls
- \* Automatic redial and fallback
- \* Speed dialing
- \* Speaker dependent and speaker independent voice dialing (SDND, SIND)
- \* Fixed dialing number support
- \* Vibrating alert (internal)
- \* Side volume keys
- \* Mute key
- \* Contacts with images
- \* Conference calling
- \* VoIP

#### Messaging\*

- \* SMS
- \* Multiple SMS deletion
- \* Text-to-speech message reader
- \* MMS
- \* Distribution lists for messaging
- \* Instant messaging with Presence-enhanced contacts

- \* Cell broadcast

\* Only devices that offer compatible multimedia message or e-mail features can receive and display multimedia messages. Content appearance may vary. Some images and ring tones can not be forwarded.

E-mail\*

- \* Supported protocols: IMAP, POP, SMTP
- \* Support for e-mail attachments
- \* IMAP IDLE support
- \* Support for Nokia Intellisync Wireless Email
- \* Integrated Nokia Mobile VPN
- \* Easy Email set-up

\* Only devices that offer compatible multimedia message or e-mail features can receive and display multimedia messages. Content appearance may vary. Some images and ring tones can not be forwarded.

Web browsing

- \* Supported markup languages: HTML, XHTML, MP, WML, CSS
- \* Supported protocols: HTTP, WAP 2.0
- \* TCP/IP support
- \* Nokia browser
  - JavaScript version 1.3 and 1.5
  - Mini Map
- \* Nokia Mobile Search
- \* Nokia PC Internet Access (capability to serve as a data modem)

GPS and navigation\*

- \* Integrated A-GPS
- \* Nokia Maps application

\* The availability and accuracy of GPS location services are dependent on wireless networks, satellite systems, and the agency receiving the information. It may not function in all areas or at all times. You should never rely solely on GPS products for essential communications like emergencies.

Image and sound

Image and sound

Photography

- \* 3.2 megapixel camera (2048 x 1536 pixels)
- \* Image formats: JPEG/EXIF
- \* CMOS sensor
- \* Digital zoom
- \* Autofocus

- \* Focal length: 3.8 mm
- \* Focus range: 10 cm to infinity
- \* Macro focus: 10-60 cm
- \* LED flash
- \* Flash modes: Automatic, On, Red-eye, Off
- \* Flash operating range: 1 m
- \* White balance modes: automatic, sunny, incandescent, fluorescent
- \* Center weighted auto exposure; exposure compensation: +2 ~ -2EV at 0.7 step
- \* Capture modes: still, sequence, self-timer, video
- \* Scene modes: auto, user defined, close-up, portrait, landscape, night, night portrait
- \* Color tone modes: normal, sepia, black & white, negative
- \* Full-screen viewfinder with grid
- \* Active toolbar
- \* Share photos with Share on Ovi

## Video

- \* Main camera
- \* 640 x 480 at 22 fps
- \* 320 x 240 (QVGA) at 30/15 fps
- \* 176 x 144 at 15 fps (QCIF)
- \* digital video zoom
- \* Video recording file formats: .mp4, .3gp; codecs: H.263, MPEG-4 VSP
- \* Audio recording formats: AMR
- \* Video white balance modes: automatic, sunny, incandescent, fluorescent
- \* Scene modes: automatic, night
- \* Color tone modes: normal, sepia, black & white, negative
- \* Clip length (maximum): 1 h
- \* RealPlayer
- \* Video playback file formats: .Flash Lite 3, mp4, .3gp; codecs: H.263, MPEG-4 VSP
- \* Video streaming: .3gp, mp4, .rm
- \* Customizable video ring tones

## Music and audio playback

- \* Music player
- \* Media player
- \* Music playback file formats: .mp3, .wma, .aac, AAC+, eAAC+
- \* Audio streaming formats: .rm, .eAAC+
- \* FM radio 87.5-108 MHz with RDS support
- \* 2.5 mm Nokia AV connector
- \* Nokia Music Manager
- \* Nokia Podcasting support
- \* Customizable ring tones
- \* Synchronize music with Windows Media Player

- \* NaviTM wheel support
- \* Voice Aid

#### Voice and audio recording

- \* Voice commands
- \* Speaker dependent and speaker independent voice dialling (SDND, SIND)
- \* Voice recorder
- \* Audio recording formats: AMR-WB, AMR-NB
- \* Speech codecs: FR, EFR, HRO/1, AMR-HR, and AMR-FR
- \* Text-to-speech

#### Personalization: profiles, themes, ring tones

- \* Customizable profiles
- \* Customizable ring tones
- \* Customizable video ring tones
- \* Support for talking ring tones
- \* Customizable themes
- \* Customizable home screen content in Business and Personal modes

#### Software

#### Software

#### Software platform and user interface

- \* S60 3.1 Edition, Eseries
- \* Symbian Os 9.2
- \* Two home screens with customizable active standby views
- \* Voice commands
- \* FOTA (Firmware update Over The Air)

#### Personal information management (PIM): contacts, clock, calendar etc.

- \* Advanced contacts database: multiple number and e-mail details per contact, contacts with images
- \* Support for assigning images to contacts
- \* Support for contact groups
- \* Closed user group support
- \* Fixed Dialling Number support
- \* Clock: analogue and digital
- \* Alarm clock with ring tones
- \* Reminders
- \* Calculator with advanced functions
- \* Calendar with week and month view
- \* Converter
- \* Active Notes

- \* To-do list
- \* PIM information viewable during call

## Applications

- \* Java™ MIDP 2.0
- \* Flash Lite 3.0
- \* Chat and instant messaging
- \* Nokia browser
  - JavaScript version 1.3 and 1.5
  - Mini Map
- \* Dictionary
- \* Quickoffice (Quickword, Quickpoint, Quicksheet)
- \* PDF Viewer
- \* ZIP Manager
- \* Download!
- \* File Manager
- \* Nokia Search
- \* Nokia Maps
- \* Adding more applications:
  - Use the Download! client
  - Over-the-air (OTA) downloads

## Accessories

### Accessories

#### Sales package contents

- \* Nokia E71
- \* Nokia Battery (BP-4L)
- \* Nokia Charger (AC-5U)
- \* Nokia Connectivity Cable (CA-101)
- \* Nokia Headset (HS-47)
- \* Nokia Eseries Lanyard
- \* Nokia Eseries Pouch
- \* User Guide, Quick Start Guide and other documentation

#### Recommended accessories

- \* Nokia Bluetooth Headset BH-602
- \* Nokia 8 GB microSDHC Card MU-43

#### Compatible accessories

- \* Complete accessories for your Nokia E71

#### Support and related documents

Support and related documents  
Related documents

- \* SAR certification information
- \* Eco Declaration (.pdf, 52 KB)
- \* Declaration of Conformity

Product legal notice  
Product legal notice

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Specifications are subject to change without notice.

The availability of particular products, services and features may vary by region. Please check with the Nokia dealer nearest you.

Services and some features may be dependent on the network and/or SIM card as well as on the compatibility of the devices used and the content formats supported.

Some services, like the email, may require a separate subscription. Contact your service providers for availability and further details.

Operation times vary depending on network and usage.

The XHTML browser is designed for browsing content in XHTML format and can be used to view pages that support this format. Appearance may vary due to the limited screen size and some details of the page may not be visible.

Please check roaming agreement availability with your network operator.

The availability of some features and technologies, like the Bluetooth wireless technology and voice over internet protocol technology may vary by country and the related services and/or products are not approved for importation or use everywhere. Please check with the local authorities.

The Nokia E71 business device's display supports a resolution of 320 x 240 pixels. The image resolution in the product material may appear different.

The availability of the product and its features depends on your area and service providers, so please contact them and your Nokia dealer for further information. These specifications are subject to change without notice.

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