

# Nokia N9

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1. Overview
2. Features



## Available Colors

- Model: Nokia N9 Cyan



### Dimensions

Size: 116.45 x 61.2 x 7.6-12.1 mm

Weight (with battery): 135 g

Volume: 76 cc

### Memory

Internal memory: 16 GB or 64 GB

Use as USB mass memory device for storing photos, documents and more

### Battery Performance

Talk-time (maximum):

- GSM 11 hours
- WCDMA (3G) 6.5 hours
- Standby time (maximum):
- GSM 340 hours
- WCDMA (3G) 420 hours
- Video playback time (720P) 5 hours
- Music playback time 50 hours
- Web browsing (maximum):
- WLAN 6.5 hours
- HSDPA (3G) 5 hours

## Design

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Display and User Interface

Screen size: 3.9"

Resolution: 16:9 FWVGA (854 x 480 pixels)

AMOLED display

16.7 million colours

Capacitive touch screen

2.5D curved glass

Anti-glare polariser

Scratch-resistant Corning® Gorilla® Glass

Orientation sensor (Accelerometer)

Compass (Magnetometer)

Proximity sensor

Ambient light detector

Personalisation

Customisable wallpapers and lock screen

Customisable profiles

Ringtones: mp3, AAC, eAAC, eAAC+, WMA, AMR-NB, AMR-WB

Keys and Inputs Methods

Pure touch screen UI, all-screen front

On-screen alphanumeric keypad and keyboard

Dedicated power and volume keys

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Power Management

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Music playback time 50 hours

Web browsing (maximum):

- WLAN 6.5 hours

- HSDPA (3G) 5 hours

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

Memory

Internal memory: 16 GB or 64 GB

RAM: 1 GB

Operating Frequency

Quad-band GSM/EDGE 850/900/1800/1900

Penta-band WCDMA 850/900/1700/1900/2100

Automatic switching between WCDMA and GSM bands

Flight mode

Data Network

GPRS/EDGE class B, multislot class 33

HSDPA cat 10 maximum speed up to 14.4 Mbit/s, HSUPA cat 6 up to 5.7 Mbit/s

WLAN IEEE802.11 a/b/g/n

*Requires data service. Data services may not be available in all networks. Data transmission speeds may be as high as 14 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

NFC (Near Field Communication) for easy pairing and sharing

Bluetooth 2.1 +EDR (Enhanced Data Rate)

- FTP (File Transfer Profile): server (v1.1)

- OPP (Object Push Profile): client, server (v1.1)

- HSP (Headset Profile): audio gateway (v1.2)

- HFP (Hands Free Profile): audio gateway (v1.5)

- A2DP (Advanced Audio Distribution Profile): audio source (v1.2)

- AVRCP (Audio/Video Remote Control Profile): v1.0

High-Speed USB 2.0 with micro USB connector for transferring data and charging

3.5 mm AV connector

Wi-Fi hotspot

Micro SIM card

**Software and applications**

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Software platform and user interface

MeeGo for Nokia N9 (MeeGo 1.2 Harmattan)

User interface simplified to three home views: events, applications and open apps

Swipe gesture instantly takes you back to the home view you started from

Multitasking and app switching through open apps view: a live snapshot of all running apps

Apps compliant with Qt 4.7

HTML5

Software updates over the internet

Personal Information Management (PIM)

Detailed contact information

Calendar

To-do list

Notes

Support for MS Outlook synchronisation of contacts, calendar and to-do with Mail for Exchange

Support for viewing documents in Word, Excel, Powerpoint, PDF and Open Document Formats

Online calendar synchronisation with CalDAV

Applications

Key applications: Facebook, Twitter, Skype, Joikuspot Wi-Fi tethering, Accuweather, AP News, Swype, Track and Protect,

Galaxy on Fire 2, Real Golf, Angry Birds Magic, Mail, video player, Drive, Feeds, search, calculator, Calendar, Contacts,

music player, web browser, messaging, photos, photo editor, Ovi Store, Maps

More apps available at Ovi Store

Nokia Link: PC and Mac application for easily syncing photos, music and videos

## Communications

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Email and messaging

Easy-to-use email client with attachment support for images, videos, music and documents .doc, .docx, .xls, .xlsx, .ppt, .pptx, .odt, .ods, .odp, .pdf

HTML support for email

Email client can combine multiple accounts into one easy-to manage inbox

Easy setup for POP3, IMAP and Mail for Exchange services

Multiple accounts per user supported

Chat instant messaging support: Facebook, Skype, Gtalk, and services using sip

Easy to move between multiple live conversations on open applications view

Unified MMS/SMS editor

Conversational view for SMS

Push email

Messages notifications shown in the event view

Call management

Contacts: advanced contacts with support for multiple phone and email details per entry with personal thumbnail pictures

Smart dialling to find phone numbers quickly

Speed dialling, voice dialling (speaker independent)

Notifications of missed calls shown on standby-screen, lock screen and events view

Contacts application combines phone and online contacts together, such as Skype and Facebook. Automatic and manual contact merging.

Conference calling

Integrated handsfree speaker

## Sharing and internet

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Browsing and internet

Full web browsing of real web pages

Fast and highly responsive browser based on Webkit2 technology

Multiple websites can be viewed in the live multitasking view

Full browsing history

Wide HTML5 support offers access to rich web applications and fast video playback

Supported markup languages: HTML5, CSS 3, XHTML

Supported protocols: HTTP v1.1

TCP/IP support

JavaScript support

Web search integrated to browser

Auto-completer for fast lookups

Dynamic top sites page for fast access to favourite web sites

Pinch gesture and double tap zooming

RSS reader

Support for streaming video

Unified notifications for Facebook, Twitter and RSS feeds in the Events view

Social networking profiles and status updates merged into phone contacts  
Social networking events visible in phone calendar

## Navigation

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GPS and navigation

Integrated GPS, A-GPS receivers

Ovi Maps with free voice-guided car and walk navigation

Ovi Drive optimised for in-car navigation

Wi-Fi network positioning

Download more maps via Wi-Fi straight to the device

Wi-Fi and Cellular network network positioning

## Photography

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Camera

8 megapixel camera with Carl Zeiss optics

Wide-angle lens

True 16:9 imaging

Large lens aperture F2.2 for better and faster photos in low light conditions

Dual LED flash

Digital shutter

Continuous autofocus

Touch-to-focus and exposure lock

Focal length: 3.77mm / 28mm

F number/Aperture: F2.2

Still images file format: JPEG/EXIF/XMP

Digital zoom up to 4x for still images and video

Image capture

Camera settings: flash, scene mode, exposure, white balance, ISO, face tracking, aspect ratio and resolution

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, favourites, collection and slide show

Photo editor with fast non-destructive editing, one-touch autofix, red-eye removal, straighten

Automatic Motion Blur Reduction

Other

Internal memory: 16 GB or 64 GB

High-speed USB 2.0 with micro USB connector for transferring photos to PC or Mac

Share photos online through Facebook, Flickr and Picassa

Photo sharing through NFC

## Video

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Video cameras

HD quality video capture in 720p resolution at 30 fps

True 16:9 video recording

Settings for scene, white balance and exposure compensation

Wide-angle lens

Continuous autofocus

Stereo sound recording

Video sharing and playback

HD 720p video playback

Dolby Digital Plus

Support for download, streaming, and progressive download

YouTube browsing and streaming

Video sharing to YouTube

Wide range of codecs supported for easy transfer and play, minimising the need to transcode

Video codecs and formats

Wide codec support: H.263, MPEG4-SP & ASP, H.264 BP/MP, WMV9 / VC-1 and Mkv (Matroska)

HD playback support: MPEG-4 SP, H.264 BP

HD capture support: MPEG4-SP

## Music and audio

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Music features

Dolby Headphone for enhancing your music experience with headphones

Nokia Music store service in selected markets

Audio codecs: MPEG-4 AAC , eAAC, eAAC+, MPEG-1 audio Layer2 (MP2), MPEG-1 audio Layer3 (MP3), WMA 9, WMA Voice 9, WMA Lossless 9, WMA Professional 9 and 10, Dolby Digital Plus (AC-3 & E-AC-3), FLAC

Bit rate up to 320 kbps

## Gaming

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Gaming

Preloaded games:

- Angry Birds Magic with NFC support
- Galaxy on Fire 2
- Real Golf 2011

Use the touch interface to play games

Support for OpenGL ES 2.0 enables 3D graphics

Use the accelerometer to play games

*Availability of games may vary by country*

## Environmental features

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Energy efficiency

Power Save mode, ambient light sensor, unplug charger reminder, Nokia Fast USB Charger AC-16

Eco content and services

Maps for route optimization and pedestrian navigation

Eco links on browser

Materials

Free of PVC, free of brominated & chlorinated compounds and free of antimony trioxide as defined in Nokia Substance List

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

[Full Eco profile](#)

## Package Contents

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Standard Sales Package

Nokia N9 all-screen smartphone

Nokia Fast USB Charger AC-16

Nokia Charging and Data Cable CA-185CD

Nokia Stereo Headset

Get started guide

Product information leaflet

Cover

## Accessories

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Recommended accessories

Nokia Play 360°

Nokia Wireless Music Receiver

[Compatible accessories](#)

*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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