

# Nokia C7 Specifications

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## Available colours

- Frosty Metal



*Colour availability varies by country* [Download fact sheet](#)

## Dimensions

- Size: 117.3 x 56.8 x 10.5 mm
- Weight (with battery): 130 g
- Volume: 64 cc

## Memory

- Internal memory: 8 GB
- MicroSD memory card support up to 32 GB (max total 40 GB)
- Use as USB mass memory device for storing photos, documents and more

## Battery Performance

**GSM**    **WCDMA (3G)**

Talk time (maximum):    576 mins 318 mins

Standby time (maximum): 555 h    656 h

Video playback time (H.264 720p, 30 fps, maximum): 6.5 h

Video recording time (H.264 720p, 25 fps, maximum): 3.8 h

Video call time (maximum): 160 mins

Music playback time (offline mode, maximum): 54 h

## Design

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Display and User Interface

Screen size: 3.5"

Resolution: 16:9 nHD (640 x 360 pixels) AMOLED

16.7 million colours

Capacitive touch screen

Orientation sensor (Accelerometer)

Compass (Magnetometer)

Proximity sensor

Ambient light detector

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

Keys and Input Methods

Physical keys (menu key, call key, end key, power key, lock key, volume keys, voice key, camera key)

Finger touch control

On-screen alphanumeric keypad and full keyboard

Dedicated camera and volume keys

Possibility to use capacitive stylus

Handwriting recognition for Chinese

## Hardware

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Power Management

BL-5K 1200 mAh Li-Ion battery

Talk time (maximum):

- GSM 576 mins
  - WCDMA (3G) 318 mins
- Standby time (maximum):
- GSM 555 h
  - WCDMA (3G) 656 h

Video playback time (H.264 720p, 30 fps, maximum): 6.5 h

Video recording time (H.264 720p, 25 fps, maximum): 3.8 h

Video call time (maximum): 160 mins

Music playback time (offline mode, maximum): 54 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, supports 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

Data Network

GPRS/EDGE class B, multislot class 33

HSDPA Cat9, maximum speed up to 10.2 Mbps, HSUPA Cat5 2.0 Mbps

WLAN IEEE802.11 b/g/n

TCP/IP support

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

NFC (Near Field Communication) to help you connect, discover and share

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
- FM Radio
- FM Transmitter

## Software and applications

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Software platform and user interface

Symbian Anna Operating System

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

Applications

Key applications: Calendar, Contacts, Music player, Internet, Photos, Ovi Store, Maps, Videos, Web TV, Office document viewers, Video editor and Photo editor, Mail, Radio

PC Applications: Nokia Ovi Suite, Nokia Ovi Player

## 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, .pdf, .zip

HTML support for email

Unified push email client supporting multiple protocols: Yahoo!® Mail, Gmail™, Windows Live™, Hotmail and other popular POP/IMAP services, Mail for Exchange, IBM Lotus traveler

Email web widget for home screen  
Unified MMS/SMS editor  
Conversational view for SMS  
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  
Active noise cancellation for clearer calls

## Sharing and internet

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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 Social client  
Social networking profiles visible in phone contacts  
Upload and view photos and video and see locations via Social client  
Social networking events visible in phone calendar

## Navigation

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

## Photography

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Camera  
8 megapixel camera  
Fullscreen 16:9 viewfinder with easy on-screen touch controls  
3rd generation dual LED flash  
Face recognition software  
Full Focus  
Focal length: 4.3 mm  
F number/aperture: F2.8  
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)  
Other  
Internal memory: 8 GB  
MicroSD memory card slot, up to 32 GB  
High-Speed microUSB to PC connectivity

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

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Video cameras

Main camera

- 8 megapixel
- 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 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

Video playback on TV

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 and audio

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Music features

Flick scrolling 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

Bit rate up to 320 kbps

DRM support WM DRM, OMA DRM 2.0

FM transmitter (88.1 - 107.9 MHz)

Radio

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

## Gaming

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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

## Environmental Features

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Energy efficiency

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

Eco content and services

Available at store, maps for route optimisation 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.

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, eco tips on Green Page

Full eco profile

## Package Contents

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Standard Sales Package

Nokia C7-00 mobile phone

Nokia Battery BL-5K

Nokia Connectivity Cable CA-101D

Nokia Stereo Headset WH-102

Nokia High Efficiency Charger AC-15

Quick start guide

## Accessories

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Recommended accessories

Nokia Bluetooth headset BH-217

Nokia Extra Power DC-11

Nokia J

Bluetooth Headset BH-219

Nokia Hardcover CC-3019

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.*

SAR

Eco profile

Declaration of conformity