

Device details

Built on: **S60 3rd Edition, Feature Pack 2**

Nokia C5-00

5MP



Develop using this device

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Technical Specs

Developer Platform	S60 3rd Edition, Feature Pack 2
Operating System	Symbian OS v9.3
Screen Resolution	240 x 320 pixels

General

Development Frameworks	Web Runtime Java Symbian C++ Flash Open C/C++
Screen Resolution	240 x 320 pixels
Screen Color Depth	24 bits
Screen Size	2.2 inches
Display Technology	LCD transmissive
Device Size	112.3 x 46 x 12.3 mm
Volume	56.2 cc
Weight	95 g
Keypad	Grid Key Mat
Other Keys	3 Labeled Soft Keys 5-way Scrolling Menu Key Volume Keys
Frequency Bands	GSM 1800 GSM 1900 GSM 850 GSM 900 WCDMA Band I (2100) WCDMA Band VIII (900)
Data Bearers	EDGE Class A GPRS Class B HSDPA HSUPA WCDMA
Regional Availability	Asia-Pacific, CHINA, Eurasia, Europe, Middle East
CPU Count	Single CPU
CPU Type	ARM 11
CPU Clock Rate	600 MHz
Consumer Link	Device Home Page
Developer Page Link	Developer Home Page

Extra Features

Extra Features	Flight Mode FOTA Firmware over the Air Nokia Maps 3.0 Nokia Store Ovi Music Ovi Share PictBridge Software Updates Themes
Positioning	A-GPS GPS

APIs

Java Technology	JSR 139 Connected, Limited Device Configuration (CLDC) 1.1
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Announced Date

27 June 2011

Availability

Shipping

Updated

25 January 2012

Device Description

The Nokia C5-00 5MP is mobile phone supporting quadband GSM, dual band WCDMA and HSDPA/HSUPA (3.5G). Enjoy videos, music, and graphics on the 2.2" QVGA TFT display. Take photos with a 5 megapixel Full Focus camera. Additional features include integrated A-GPS and Nokia Maps 3.0, USB charging with simultaneous data transfer, Bluetooth 2.0 +EDR, and USB 2.0 High-Speed.

Device variants:

- RM-744. GSM 850/900/1800/1900, WCDMA 850/2100 and HSDPA/HSUPA (3.5G).
- RM-745. GSM 850/900/1800/1900, WCDMA 900/2100 and HSDPA/HSUPA (3.5G).

Tools

The Tools Centre page

(www.developer.nokia.com/Resources/Tools_and_downloads/)

provides links to details about all the Nokia Developer tools & SDKs.

Carbide.ui Theme Edition

Carbide.ui is a family of tools that enables the creation of themes for Symbian and Series 40 phones.

Carbide.ui provides professionals and hobbyists alike with an easy to use tool that can customise almost every aspect of the look and feel of a phone's UI.

Carbide.c++

Carbide.c++ is an IDE for developing Symbian C++ and Open C/C++ for Symbian devices. Version 3.2 is available, offering support for S60 5th Edition and Symbian^3 software development, a lightweight installer, and extension plug-ins for additional features.

http://www.developer.nokia.com/Tools_Docs_and_Code/Tools/Runtimes/Web_Runtime/

Recommended SDK(s)

S60 3rd Edition SDK for Symbian OS, Feature Pack 2 v1.1

The S60 3rd Edition SDK for Symbian OS, Feature Pack 2 enables the creation of applications using Qt (with the Qt Libraries for Symbian), Symbian C++, Open C/C++ (with Open C/C++ plug-in), Java™ technology, web technologies, and Python (with the PyS60 plug-in). The SDK includes the all key resources needed for

Now including the final 1.0 version of the Symbian Belle SDK, the all-in-one SDKs enable application development using Qt, C++, Java™ technology, and web technology. Each SDK includes all the key resources needed for application development, such as documentation, API reference, examples, and an emulator. An IDE is not included.

Specifications are subject to change without notice.

- JSR 118 MIDP 2.1
- JSR 75 FileConnection and P...
- JSR 82 Java™ APIs for Bluej...
- JSR 172 J2ME™ Web...
- JSR 177 Security and Trust Services API for J2ME™ 1.0 (SATSA-CRYPTO package)
- JSR 177 Security and Trust Services API for J2ME™ 1.0 (SATSA-PKI package)
- JSR 179 Location API for J2ME™ 1.0
- JSR 180 SIP API for J2ME™
- JSR 184 Mobile 3D Graphics API for J2ME™ 1.1
- JSR 205 Wireless Messaging API 2.0
- JSR 226 Scalable 2D Vector Graphics API for J2ME™ 1.1
- JSR 234 Advanced Multimedia Supplements 1.0 (audio3d)
- JSR 234 Advanced Multimedia Supplements 1.0 (music)
- IAP Info API 1.0
- eSWT UI API 1.0.3
- Nokia UI API 1.1
- JSR 135 Mobile Media API 1.2

Java API Access Permissions

Java API Access Permissions

Other APIs

Open C APIs

Product ID

RM-745: 0x2003555F^[1]

Certificates

Symbian A, Symbian B, Symbian C, Symbian D, UTI Root

Notes

¹ RM-744: 0x2003555E

Browser, Flash and Web Technologies

UAProfile Link

Profile 1
Profile 2

Example User Agent Header

Mozilla/5.0 (SymbianOS/9.3; Series60/3.2 NokiaC5-00/031.022; Profile/MIDP-2.1 Configuration/CLDC-1.1) AppleWebKit/525 (KHTML, like Gecko) Version/3.0 BrowserNG/7.2.3.1

Browser Details

HTML over TCP/IP
OSS Browser
WAP 2.0
XHTML over TCP/IP

Flash Technology

Flash Lite 3.0

Flash Lite Features

Flash Video

Web Runtime

Web Runtime 1.1

Multimedia

Camera Resolution

2592 x 1944 pixels

CMOS Sensor

5.0 Megapixels

Camera Digital Zoom

4 x

Camera F-Stop/Aperture

f/2.4

Camera Focus range

50 cm to infinity

Camera Image Formats

JPEG/Exif

Camera Features

Auto Exposure, Exposure Compensation, Flash, Full Focus, Full Screen Viewfinder, Red-Eye Reduction, Self Timer, Still Image Editor

Video Recording Resolution

640 x 480 pixels

Video Recording Frame Rate

15 fps

Video Digital Zoom

4 x

Video Recording Formats

H.263, MPEG-4

Video Features

Video Call
Video Editor
Video Player
Video Recorder
Video Ringtones
Video Sharing
Video Streaming

Video Playback Formats

3GPP formats (H.263), Flash Video, H.264/AVC, MPEG-4, RealVideo 8,9,10

Graphic Formats

BMP, EXIF, GIF87a, GIF89a, JPEG, JPEG 2000, MBM, OTA, PNG, TIFF, WBMP, WMF

Audio Features

Audio Equalizer
Audio Recording AAC
Audio Streaming
Music Player
Stereo
Stereo FM RDS Radio
Stereo Widening

Audio Formats

AAC, AAC+, AMR-NB, AU, HE-AAC v2, MIDI Tones (poly 64), MP3, MP4, RealAudio 7, 8, 10, SP-MIDI, True tones, WAV, WMA 9, WVE

Secondary Camera Resolution

480 x 640 pixels

Secondary Camera Focal length

28 mm

Secondary Camera F-Stop/Aperture

f/3.2

Secondary Camera Focus range

20 cm to infinity

Secondary Camera Video Recording Frame Rate 15 fps

Secondary Camera Video Recording Format H.263

Memory Functions ^

Maximum User Storage	270 MB
ROM Memory	512 MB
RAM Memory	256 MB
Memory Card type	Micro SD
Memory Card Features	Hot Swap
Maximum Memory Card Size	32 GB
Maximum Heap Size	Unlimited
Maximum JAR Size	Unlimited

Connectivity ^

Local Connectivity	Bluetooth 2.0 +EDR Bluetooth Stereo Audio Micro USB MTP (Multimedia Transfer Protocol) Nokia AV 3.5mm Nokia microUSB Cable CA-101D USB 2.0 High-Speed USB Mass Storage
Bluetooth Profiles	A2DP, AVRCP 1.0, BIP, BPP, DID, DUN, FTP, GAP, GAVDP, GOEP, HFP, HID, HSP, PBAP 1.0, SAP, SDAP, SPP 1.0

Messaging ^

Messaging	IM, MMS+SMIL, SMS
Messaging Features	OMA Multimedia Messaging Service v1.2
Email Solutions	Mail for Exchange Nokia Email Nokia Messaging OMA E-mail Notification v1.0
Supported Email Protocols	IMAP4, POP3, SMTP
Supported Document Formats	Excel, PDF, Powerpoint, Word

Power Management ^

Power Management	2.0mm Charger Connector USB Charging
Battery model	BL-5CT 3.7V 1050mAh
GSM Talk Time up to	11.0 hours
WCDMA Talk Time up to	4.7 hours
GSM Standby Time up to	605.0 hours
WCDMA Standby Time up to	665.0 hours
Video Playback Time up to	9.5 hours
Video Recording Time up to	4.0 hours
Video Call Time up to	3.0 hours
Music Playback Time up to	30.5 hours

Other ^

OMA Device Management	OMA Client Provisioning v1.1 OMA Device Management v1.1.2
Synchronization	ActiveSync OMA Data Synchronization v1.2 SyncML
Digital Rights Management	OMA DRM Forward Lock OMA DRM v1.0 OMA DRM v2.0 Windows Media DRM 10
DRM Delivery Method	HTTP Download MMS OMA Download v1.0
Web Services	Liberty Alliance ID-WSF 1.1 OMA WS Network Identity 1.0 WS-I Basic Profile 1.0/1.1

http://www.developer.nokia.com/Devices/Device_specifications/C5-00_5MP/

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