

Product Datasheet for Nokia E90



Application Features

Digital rights management	Yes
Java support	J2ME and other
Over the air configuration (OTA)	Yes
SIM toolkit release	99

Browsing

HTML	Yes
WAP	Yes
WAP version	2
XHTML	Yes

Communication Classes

3GSM	Yes
Extended GSM (EGSM)	Yes
GSM bands	GSM 850/900/1800/1900
HSCSD	Yes
HSDPA	Yes

GPRS

GPRS	Yes
GPRS PBCCH	Yes

Wi Fi

802.11g	Yes
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Data Connectivity

Data & fax	Data & fax
Infra red	Yes
Micro SD, transflash	Yes
SyncML	Included
USB port support	Yes

Bluetooth

Bluetooth	Yes
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PIM Synchronisation

Calendar Synchronisation	MS Outlook and Lotus Notes
Contact Synchronisation	MS Outlook and Lotus Notes

Dimensions

Size depth (mm)	20
Size length (mm)	133
Size width (mm)	56
Weight with std batt (g)	210

Display & Imaging

Camera

Camera Megapixels	3.2
Camera flash option	Integrated
Camera option	Integrated
Integrated camera res X	2048
Integrated camera res Y	1536
Integrated video camera res X	640
Integrated video camera res Y	480
Video capture	Yes

Primary Display

Colour depth	16777216
Colour type	Colour
Resolution X	800
Resolution Y	352
Viewable size X (mm)	91.2
Viewable size Y (mm)	40.1

Sub Display

Colour depth	16777216
Colour type	Colour
Resolution X	240
Resolution Y	320
Sub display	Yes

Environmental

SAR @ 10g avg Head (W/kg)	0.65
Separation distance for Body Measurement if applicable (cm)	1.5

Key Device Features

Calculator	Yes
Carkit option	Portable or fixed
Chinese character support	Available
Clock	Alarm clock
Download tones/pics	Ringtones & pictures
Event organiser	Calender & organiser
Force feedback compatible	Yes
GPS	Yes
Games	Downloadable
Handsfree	Integrated + headset incl.
MP3 Player	Included
Push to Talk	Included
Radio	FM
Rapid text input	T9 standard
Ringtone complexity	Polyphonic & sampled
Slide, flip or swivel cover	Flip
Vibrate alert	Yes
Video Telephony	Integrated
Voice activation	Vox dial & command

Messaging

E-mail client	POP3 & IMAP4
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Instant message client	Included
SMTP authentication	Yes

MMS

MMS	Yes
MMS download notify	Yes
Message size max rx (Kb)	300
Message size max tx (Kb)	300

Audio

AMR format	Send & receive
MIDI format	Receive only
MP3 format	Send & receive
MP4	Send & Received
SP-MIDI format	Send & receive
WAV format	Send & receive

Image

BMP display oversize	Resize
BMP format	Send & receive
GIF animation	Loop supported
GIF display oversize	Resize
GIF format	Send & receive
JPG display oversize	Resize
JPG format	Send & receive
PNG display oversize	Resize
PNG format	Send & receive
WBMP display oversize	Resize
WBMP format	Send & receive

SMIL

Background	Send & receive
Max pages receive	No limit
Max pages send	No limit
Page timing default (s)	8

Text

Font size options	Normal only
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Video

3GPP format	Send & receive
H.263 format	Send & receive
MPEG4 format	Send & receive

Operating System & CPU

Internal memory available to user (MB)	128
Operating System	Symbian V9.1
Processor Speed (MHz)	330

Standard Battery Specs

Capacity (mAh)	1500
Technology	Li-ion
Time average charge (min)	120
Time max standby 2G (hours)	336
Time max standby 3G (hours)	336
Time max talk time 2G (min)	348
Time max talk time 3G (min)	252
Voltage (V)	3.7
Weight (g)	115

Standard Services

Device

Anykey answer	Yes
Auto-answer	Yes
Auto-redial	Yes
Call timer reset	Yes
Carkit auto-power-off	Yes
Carkit radio mute	Yes
Change PIN1	Yes
Change PIN2	Yes
DTMF support	Send & store
Device profile URL	http://nds1.nds.nokia.com/uaprof/NE90-1r100.xml
Electronic/mechanical keyguard	Yes
Last call duration	Yes
Mic mute	Yes
Missed call indicator	Yes
PIN enable	Yes
Phonebook capacity	Shared Capacity
SMS storage capacity	Device only
Silent service	Yes
Start-up security	PIN and/or hardware
Total calls timer	Yes
Welcome greeting	Yes

Network

Adaptive multi rate (AMR)	Yes
Call conference	Yes
Call hold	Yes
Call transfer	Yes
Call wait	Yes
Caller ID	Yes
Cancel divers	Yes
Cell broadcast	Yes
Divert all voice calls	Yes
Divert data calls	Yes
Divert fax calls	Yes
Divert if busy	Yes
Divert if no answer	Yes
Divert if not available	Yes
Divert if out of reach	Yes
EFR	Yes
FACCH call setup	Yes
Half rate	No
SMS originate	Yes
SMS replace	Yes
SMS reply	Yes
SMS terminate	Yes
SPN/ONS support	SPN only
Voicemail icon	Voicemail

Video Telephony Specs

Video Telephony Display Size

Resolution X	344
Resolution Y	280

Video and Audio Format

MPEG4+AMR-NB	Yes
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Vodafone Customisation

New Zealand Vodafone Live! Yes