

Nokia N90 Data Sheet



Planned Market Introduction:

Q2 2005

Mobile Phones Category:

Multimedia

Technical Profile:

System:	EGSM 900/1800/1900 + WCDMA 2100 GHz
User Interface:	Series 60 Platform
Dimensions:	112 x 51 x 24 mm (L x W x T)
Weight:	173 g
Standby time:	Up to 10 days
Talk time:	Up to 4.5 hours
Display:	352 x 416, 262,144 colors
Battery:	BL-5B, 760 mAh, Li-Ion

Key Features:

- Carl Zeiss optics
- Twist and shoot rotating camera concept and dedicated capture and zoom keys
- 2 megapixel camera with autofocus, macro, 20x digital zoom and flash
- High quality video capture in MP4 and 3GP formats with up to 8x digital zoom
- Two screens:
 - Main display (352 x 416 pixels), up to 262,144 colors
 - Cover display (128 x 128 pixels), up to 65,536 colors
- Video sharing and two-way video call
- Broadband speed with WCDMA or EDGE (up to 384 kbps)

Additional Features:

- Image editor, Video editor, Movie Director, Rotating Gallery, Nokia XpressPrint
- Email, organizer, video streaming, Internet browser
- MP3 & AAC stereo music player
- Memory: 31 MB internal and 64 MB Reduced Size Dual Voltage MultiMediaCard (RS-MMC)

Data Services:

- WCDMA - Maximum download 384 kbps; upload 128 kbps
- EGPRS (Class B, Multislot class 10) - Maximum download 236.8 kbps; upload 118.4 kbps

Connector:

Pop-Port™ with USB
Bluetooth wireless technology

Camera:

Sensor:	CMOS 2 Megapixel
F number/Aperture:	f/2.9
Focal length:	5.5mm (35mm equivalent 35mm)
Focus range:	10 cm to infinity
Still image resolutions:	1600 x 1200, 800 x 600, 640 x 480
Still images file format:	EXIF (JPEG), *.jpg
Video resolutions:	352 x 288 up to 15 frames per second
Video clip length:	Up to 30 seconds in short or Up to 1 hour in maximum mode
Video file format:	MP4 (MPEG-4 video, 16 KHz AAC-LC audio), 3GPP, *.3gp
Exposure:	Automatic, Manual EV correction ± 2.0
White balance:	Auto, daylight, tungsten, fluorescent, cloudy
Colors:	16.7 million / 24-bit
Color tones:	Normal, sepia, black & white, negative
Capture modes:	Normal, self-timer, sequence
Scene settings:	Auto, user, close-up, portrait, landscape, night, sports

Original Enhancements:

Messaging:	Wireless Keyboard SU-8W
Car Solutions:	Wireless Plug-in Car Handsfree HF-6W
Wireless Headsets:	Wireless Boom Headset HS-4W

Inbox colors available:

Pearl Black, Light Blue

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