

Design for video and TV entertainment

Immerse yourself in up to 40 hours of videos on a stunning 2.8" display with QVGA resolution, 16 million colors and a special kick-stand design. Enjoy easy PC to mobile device transfers when you take photos on its 5-megapixel camera with Carl Zeiss lens and up to 16GB of multi-drive support.



Features at a glance

- Enjoy high-quality video on a large bright display, with superb sound.
- Store more of your videos, music, pictures and maps with massive storage.
- Choose from several high-speed connectivity options to access content and services.

Operating Frequency

- WCDMA2100/900 (HSDPA) / EGSM900, GSM850/1800/1900 MHz (EGPRS)
- Automatic switching between bands and modes
- DVB-H Class C, 470-750 MHz

Dimensions

- Volume: 92 cc
- Weight: 125 g
- Length: 103 mm
- Width: 55 mm
- Depth: 18 mm, locally up to 20 mm

Memory Functions*

- 16GB internal flash memory, plus microSD memory card slot (hot swappable) for expandability and flexibility
- Approximate dynamic memory capacity indication with 16GB storage:
 - Video: 40 hours**
 - Music: 12,000 tracks***
- 128MB RAM, 256MB system memory (operating system plus dynamic user data area)

* Changes to product details are possible without prior notice. Application offering may vary. Dynamic memory means that the available memory is shared between dynamic memory functions. When any of these functions is used, there is less available memory for other functions which are also dependent on dynamic memory.

** Video capacity is based on H.264 768-kbps video at 320-by-240 resolution, combined with 96-kbps AAC audio. Music capacity is based on 3:45 min per track and 48 kbps eAAC+ encoding.

*** Capacity based on 3:45 per song with 48 kbps eAAC+ (M4A) encoding on the Nokia Audio Manager. Capacity with 128 kbps AAC encoding is up to [12,000] songs.

Power Management

- Battery: Nokia Battery BL-5F, 950 mAh
- Talk time: up to 160 / 230 minutes (WCDMA / GSM)
- Stand-by time: up to 200 / 230 hours (WCDMA / GSM)
- Video playback: up to 5 hours (offline mode)
- Music playback: up to 14 hours (offline mode)
- TV playback: up to 4 hours (DVB-H)

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

Display and User Interface

- 2.8" QVGA (240 x 320 pixels) LCD TFT display with up to 16 million colors
- User Interface: S60 3rd Edition, Feature Pack 2
- Active standby screen, Multimedia menu

Data Transfer*

- WCDMA HSDPA 900/2100 MHz with simultaneous voice and packet data (PS max speed DL/UL= 3.6Mbps/384kbps, CS max speed 64kbps)
- Dual Transfer Mode (DTM) support for simultaneous voice and packet data connection in GSM/EDGE networks. Simple class A, multi slot class 11, max speed DL/UL= 177.6/118.4kbps
- EGPRS class B, multi slot class 32, max speed DL/UL= 296/177.6kbps
- GPRS class B, multi slot class 32, max speed DL/UL= 107/64.2kbps

* Actual achieved speeds may vary depending on network support.

Video Center

- Video center: central hub for video experiences
- Access to last played video and easy resume
- My videos: collection of stored videos
- Access to Internet Videos, compatible with RSS feeds and video podcasts, with direct wireless updates and downloads
- Service catalog to discover new Internet Videos

Video Codecs and Formats

- MPEG-4 Part 2 (H.263/SP), up to VGA 30 fps, hardware-accelerated codec, scaled to max QVGA on device screen, or max SDTV on TV-out
- MPEG-4 Part 10 (H.264/AVC), up to VGA 30 fps, hardware-accelerated codec, scaled to max QVGA on device screen, or SDTV on TV-out
- Windows Media Video (WMV9), up to CIF/QVGA 30 fps, hardware-accelerated codec, scaled to max QVGA on device screen, or SDTV on TV-out
- RealVideo QCIF at 30 fps
- Flash video support in browser
- DRM support: OMA DRM 1, OMA DRM 2, WM DRM

Live TV

- Broadcast Television (DVB-H) capable
 - DVB-H based mobile TV with internal antenna
 - DVB-H Class C, 470-750 MHz

Browser-based video access

- Support for download, streaming and progressive download
- Support for Flash video

Music Features*

- Digital music player – supports MP3, AAC, eAAC+, WMA, album art
- Playlist editing and sharing
- Equalizer and visualization
- Search, browse and purchase songs online in Nokia Music Store – with support for Windows Media DRM protected files

* Nokia Music Store availability varies by country.

Radio*

- Stereo FM radio (87.5-108MHz, 76-90MHz) with support for RDS, Visual Radio™ and use of FM radio in offline mode
- Nokia Internet Radio

* The FM radio depends on an antenna other than the wireless device antenna. A compatible headset or enhancement needs to be attached to the device for the FM radio to function properly.

Maps and Navigation

- Built-in GPS receiver, with support for assisted GPS (A-GPS)*
- Nokia Maps application
- Free downloadable maps of over 150 countries, millions of locations, location details and satellite imagery**
- Upgrades available for purchase: Multimedia city guides and Navigation services: Drive - voice guided car navigation, or Walk - pedestrian-optimized turn-by turn guidance

* A-GPS is a network dependant feature that requires a data plan. Additional charges may apply.

** Downloading satellite images may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.

E-mail and Messaging

- Easy-to-use email client with attachment support for images, videos, music and documents
- Support for SMTP, IMAP4, POP3, MMS, SMS. Unified SMS/MMS editor
- Compatible with Nokia Wireless Keyboard SU-8W (sold separately)

Browsing and Internet

- Nokia Web Browser with Mini Map, visual history, HTML and JavaScript support, Flash Lite 3.0 and Flash video support
- RSS reader

Connectivity

- WLAN - IEEE802.11 g/b with UPnP support
- Hi-Speed USB 2.0 with Micro USB type B interface
- 3.5mm stereo headset plug, TV-out support (PAL/NTSC)
- Bluetooth 2.0 with A2DP stereo audio and Enhanced Data Rates (EDR)
- Nokia Nseries PC Suite connectivity with USB and Bluetooth wireless technology

Standard Sales Package Contents*

- Nokia N96
- Nokia Battery BL-5F
- Nokia Connectivity Cable CA-101
- Nokia Video-Out Cable CA-75U
- Nokia Stereo Headset and Remote HS-45, AD-54
- Nokia Mobile Charger DC-4 (car charger)
- Nokia Compact Travel Charger AC-5

*Sales package contents may vary by country. Specifications are subject to change without notice. The availability of particular products and services may vary by region. Check with the Nokia dealer nearest to you. Operations, services and some features may be dependent on the network as well as on the compatibility of the devices used and the content formats supported. Some services are subject to a separate charge. For more information, contact your service

Main camera

- Up to 5 megapixel (2592 x 1944 pixels)
- Carl Zeiss Optics: Tessar™ lens
- Auto-focus, auto-exposure
- F-number/aperture: F2.8
- Focal length: 5.2 mm
- Focus range 10 cm to infinity
- Dual-LED camera flash, video light, recording indicator, auto-focus assist light

Secondary camera

- VGA (640 x 480 pixels) sensor

Video Recording

- Video capture in MPEG-4 up to VGA at 30 fps
- Digital Video Stabilization
- Video clip length: limited by storage
- Video file format: .mp4 (default), .3gp (for MMS)
- Settings for scene, video light, white balance, color tone

Photography

- Still Image resolutions: up to 5 Megapixel (2592 x 1944 pixels)
- Still Image file format: JPEG, EXIF
- Location tagging: automatic insertion of capture location into images
- Settings for scene, flash, sequence, self-timer, color, white balance, contrast, exposure compensation, guides

Available color



Dark Grey

*Operation times vary depending on the network and usage. The availability of the product and its features depends on your area and service providers, so please contact them and your Nokia dealer for further information. These specifications are subject to change without notice.

Phone specifications mentioned above are based on the latest available information; please visit www.nokia-asia.com for the most recently updated product specifications.

www.nokia-asia.com/n96