



### Technical Specifications

Band/Frequency	GSM Quad band (850/900/1800/1900MHz), WCDMA 2100, GPRS Class 10, HSDPA 3.6 Mbps (Category 5/6), EDGE Class 10
Region	East Asia, Europe, Middle East, Africa, South America
Technology	MMS, SMS, EMS, SMTP, POP3, IMAP4, SSL/TLS2, WAP 2.0
Connectivity	Mini USB/EMU, Bluetooth Class 2, Over the Air Sync (OTA), PC Sync
Dimensions	109.7 x 50.6 x 15.65 mm (86.87 cc)
Weight	117 g
Display	2.2" 240 x 320 (16m colors TFT)
Operating System	Symbian 9.2/UIQ 3.1

### Key Features

- 2.0 mega pixel camera with 8x digital zoom and lumi LED light
- MicroSD transflash slot for upgradeable memory (supports up to 4GB)
- Integrated bluetooth with AVRCP, PAN and A2DP profiles for wireless music listening
- Video capture (30fps) and playback (30fps), MPEG 4 3GPP, H.263, H.264 (Video Capture is not supported in the Java space)
- Shared media player with multiple codecs and stereo EMU headset jack
- Excellent battery life (Up to approximately five hours 3G talk time, up to approximately 16 days standby time)
- Unique ergonomic slider design
- Alarm clock, calculator, independent datebook alarm
- FOTA firmware over the air
- 3G HSDPA 3.6 Mbps
- Approximately 90 MB free internal user memory
- HTML 4.01, XHTML 1.1 and WML 2.0 Web Browser support

### Application Development Information

Heap Size	Dynamic, depends on available memory
Interface connections	HTTP, HTTPS, Datagram, Socket Stream, Secure Socket Stream, SSL, USB, SyncML, Built-in Modem, Headset Jack
Supported image formats	JPEG, PNG, GIF, WBMP, BMP
Double Buffering	Supported
Encoding schemes	USASCII, UTF-8 (Unicode), UTF-16
Input methods	iTAP
Audio Support	AAC, AAC+, Enhanced AAC+, WAV, AMR NB, MP4, MP3, MIDI, G.726, iMelody
Application storage available	90MB
Maximum record store size (RMS)	1MB
Maximum number of sockets	Up to 4

### Available Application Environments

- Java™ ME
  - CLDC v1.1 and MIDP v2.0 compliant
  - JSRs: 75 PIM API, 75 FileConnection API, 82, 118, 120, 135, 139, 172, 184, 185, 205, 234
- Native UIQ
  - UIQ SDK 3.1

### Related Information

**Motorola Developer Information:**  
 Developer Resources at <http://developer.motorola.com/>  
**Tools:**  
 MOTODEV Studio for Java™ ME  
 MOTODEV SDK for Java™ ME  
 MOTODEV Studio for UIQ  
**Documentation:**  
 Creating Media for the MOTO Z8  
**Purchase:**  
 Visit the MOTO STORE at <http://www.store.motorola.com/>  
 Accessories: <http://www.motorola.com/consumer>

**References:**  
 Java™ ME specifications: <http://java.sun.com/javame>  
 MIDP 2.1 specification <http://www.java.sun.com/products/midp>  
 CLDC 1.1 specification: <http://www.java.sun.com/products/cldc>  
 WAP forum: <http://www.wapforum.org>  
 EMS standards: <http://www.3gpp.org>  
 UIQ Technology: <http://www.uiq.com/>  
 UIQ DevCom: <http://developer.uiq.com/>  
 UIQ 3.1 Developer Library: [http://developer.uiq.com/devlib/uiq\\_31/SDK\\_Documentation/doc\\_source/index.html](http://developer.uiq.com/devlib/uiq_31/SDK_Documentation/doc_source/index.html)