



Technical Specifications

Band/Frequency	GSM 900/1800/1900 GPRS EDGE
Region	Global
Technology	WAP 2.0, J2ME, MMS, Magic 4 IM
Connectivity	USB, Bluetooth
Dimensions	106.5 x 53.5 x 24.5 mm
Weight	120 g
Display	240 x 320 65k TFT Color
Operating System	Motorola
Chipset	Intel

Key Features

- Tri band
- EDGE
- MOTOSYNC
- MMS
- 1.3 M Pixel Camera
- MPEG4 video capture/playback
- Wireless IM
- Email
- MP3 music/ringtone download and playback
- MIDI music
- Embedded, portable, and online Java Games
- 50 MB internal user memory for music and games
- Removal memory for additional storage support

J2ME™ Information

CLDC v1.1 and MIDP v2.0 compliant	
Maximum MIDlet suite size	1 MB
Heap size	2 MB
Maximum record store size	100 K
MIDlet storage/Shared User Mem	50 M
Interface connections	HTTP, Socket, UDP, Serial port
Maximum number of sockets	10
Supported image formats	.PNG, .JPEG, .GIF (still)
Double buffering	Supported
Encoding schemes	ISO8859_1, ISO10646, UTF-8
Input methods	Touch Screen
Additional API's	JSR 120, JSR 135, JSR 184, JSR 185
Audio	MIDI, MP3, AMR-NB, AMR-WB, WAV, TONE Sequence
Video	MP4, 3GPP
Photo Capture	.PNG, .JPEG

Related Information

Motorola Developer Information:
Developer Resources at <http://www.motocoder.com/>

Tools:
CodeWarrior® Wireless Studio v7.0
J2ME™ SDK version v4.0
Motorola Messaging Suite v1.1

Documentation:
Creating Media for the Motorola A780 Handset

References:
J2ME™ specifications: <http://www.java.sun.com/j2me>
MIDP v2.0 specifications: <http://www.java.sun.com/products/midp>
CLDC v1.0 specifications: <http://www.java.sun.com/products/cldc>
WAP forum: <http://www.wap.org>
EMS standards: <http://www.3GPP.org>

Purchase:
Visit the Motocoder Shop at <http://www.motocoder.com/>
Accessories: <http://www.motorola.com/consumer>