



Technical Specifications

Band/Frequency	GSM/EDGE 850/900/1800/1900
Region	Global
Technology	WAP 2.0, J2ME, SMS, EMS 5.0, MMS, IM Wireless Village
Connectivity	Enhanced Mini-USB, Bluetooth
Dimensions	49 x 86.5 x 20mm
Weight	110 g
Display	176 x 220 pixels (262K colors TFT) 96 x 32 pixels (BW external CLI)
Operating System	Motorola
Chipset	i250S1

Key Features

- A design that exceeds the rest, with unique CMF
- EDGE for high speed data access (class 6)
- Video Capture MPEG4 (H.263, 7.5 fps default)
- Video Playback MPEG4 (15 fps)
- Dedicated Carrier Key
- Integrated Bluetooth Connectivity (Class 2)
- Integrated VGA digital camera
- 5 megabytes of embedded end user memory and 4.5 megabytes of preloads
- J2ME Games (embedded & downloadable) via MMS
- Downloadable themes (ringer tones, images, animations)
- Rich, pre-loaded or downloaded J2ME games, screen savers and MP3 ring tones
- PIM functionality with Picture Caller ID
- Voice memo & enhanced predictive text
- 22 KHz polyphonic speaker
- Email: POP3, SMTP, IMAP4

J2ME™ Information

CLDC v1.1 and MIDP v2.0 compliant	
Heap Size	800 Kb
Maximum record store size	512 Kb
MIDlet storage available	Up to 5 MB
Interface connections	HTTP, Socket, UDP
Maximum number of Sockets	4
Supported image formats	.PNG, .JPEG, .BMP, .WBMP, .GIF
Double buffering	Supported
Encoding schemes	ISO 8859_1, ISO_10646
Input methods	Multitap, iTAP
Additional API's	JSR-118 JSR-120 JSR-135 JSR-139 JSR-205 JSR-75 JSR-82
Audio	MIDI, MP3, WAV, AMR, iMelody

Related Information

Motorola Developer Information:

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

Tools:

J2ME™ SDK version v5.1.2
Motorola Messaging Suite v1.1

Documentation:

Creating Media for the Motorola PEBL U6 Handset

References:

J2ME™ specifications:
<http://www.java.sun.com/j2me>
MIDP v2.0 specifications:
<http://www.java.sun.com/products/midp>
CLDC v1.0/v1.1 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>