



MOTOROLA
intelligence everywhere™

A830

Motorola Developer Programme



Technical Specifications

WCDMA 2100, GSM 900/1800/1900 MHz, GPRS 1Up/4Down.
 Target Markets ----- World Phone.
 Technologies- Bluetooth, MMS, J2ME™, EMS 5.0. SyncML™.
 Operating system -----Synergy (Motorola).
 Display -----176 x 220 TFT Active Colour, 4096 colours.
 Dimensions -----135 x 53 x 24.2mm (134cc).
 Weight ----- 157g. 2 MB user space.
 Talk time-- 80mins (WCDMA mode). Batt. - 800 mAh LiIon.
 Standby -- 80 hours (WCDMA mode). MIDI & WAV support.
 Polyphonic Speaker. Email support ---- POP3, IMAP4, SMTP.
 New icon based GUI.
 Expandable SD-MMC card slot. Unique 4-way Navigation Key.

Key Features

Personal Information Manager (PIM) functions.
 Email, SMS, EMS 5.0, J2ME. MIDI speaker.
 RS-232 and USB connectivity. Voice Notes.
 Enhanced Sound Engine. Embedded Games.
 Downloadable Ringer Tones. SyncML support.
 WAP 1.2.1. Motorola MIB 2.1 Browser.
 Supports: --- xHTML, cHTML and XML.
 J2ME™. MP3 & MPEG4 support.
 16 Mb Total memory.
 IrDA.
 TrueSync+™.
 WAP Pictogram.
 Companion Video/Still Camera. A-GPS (Feb. 03).

J2ME™ Information

CLDC 1.0 and MIDP 1.0 compliant.
 Java runtime memory ----- 512Kb.
 Maximum Compressed JAR size -----100 Kb.
 Maximum Total RMS Space used
 per MIDlet suite ----- 64Kb.
 Display available to MIDlets ----- 176 x 220.
 Connection I/faces---Serial, HTTPS, Sockets, UDP.
 Maximum number of sockets ----- 3.
 Supported image formats ----- PNG.
 Double Buffering ----- Supported.
 Encoding Schemes ----- ISO8859_1, ISO10646.
 Amount of storage for MIDlets -----up to 1.0Mb.
 Over the Air download ----- WAP browser.
 PNG Transparency. J2ME™ LWT support.

Related Information

Tools:

CodeWarrior® Wireless Studio Version 7: [Trial download](#) or [Buy](#)
 J2ME™ SDK version 3.0 [download](#)
 Motorola Lightweight Windowing Toolkit (LWT) classes [download](#)
 Motorola EMS Suite 2.0 toolkit [download](#)

Documentation:

AT Command set [document](#).

Purchase:

We offer a range of devices for sale [here](#).

Links:

J2ME™ specifications: <http://java.sun.com/j2me/>
 MIDP1.0 specifications: <http://java.sun.com/products/midp/>
 CLDC 1.0 specifications: <http://java.sun.com/products/cldc/>
 WAP forum. <http://www.wap.org>
 EMS standards: <http://www.3GPP.org>
 IMelody format http://www.irda.org/members/docs/iMelody_Errata.pdf
 Accessories. <http://www.motorola.com/consumer>

Note – access to these resources may depend on membership level.

