

Sony Ericsson txt



CK13i

Purpose of this document

Sony Ericsson product White papers are intended to give an overview of a product and provide details in relevant areas of technology.

Document history

Version

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Sony Ericsson Developer World

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Product overview

Sony Ericsson txt

Tell it like it is. Just faster

Fallen for that special person? Met the crowd at the concert? Tell it like it is. The fast way. Sony Ericsson txt's full keyboard with separated keys is just made for super smooth typing without making a mess on the screen. Want that ticket for the match? Be the first to ask. Hop straight into texting via the text shortcut key and type away. Right away.

Add your Fab Five

Some friends are better friends than others, right? Put them right up front. Drop your five best friends from your phone book into the Friends app. See at a glance what they're up to, where they're going and who stole the show. Then mail, text or chat right back on Facebook™, Twitter™ or Google Talk™. Favourite team in the cup final? Tell everyone. Start the conversation with the Multiple IM app. It adds all your buddies and their accounts to a single list.

Find facts fast. And free. Through Wi-Fi®

Look up the latest facts on Google™ or like the new song on Facebook. Do the things you want for free through Wi-Fi®*. Live life in the slow lane at the burger bar while you get what you want from the web at the fastest speeds.

Make a movie. Or dance to the music

Chill to the latest viral on YouTube™ or listen to the legends of rock. Plug your headphones into the 3.5mm audio jack and browse your playlists or choose your favourite FM radio channel. Fancy making your own drama-doc? Shoot it on video. or, turn your action scene into a life with the 3.2 megapixel camera.



**Not all Wi-Fi hotspots are free of charge.*

Facts – dimensions, weight, performance and networks






Operating system	ST-E RTKE OS
Processor	PNX 4910 Platform
Size	106 × 60 × 14.5 mm
Weight	95 grams
Available colours	White/Black/Pink/Blue
Main screen	
Colours	262 k color TFT
Resolution	320×240 pixels (WQVGA)
Size (diagonal)	2.55 inches
Scratch-resistant	Yes
Input mechanisms	
QWERTY keyboard	QWERTY 4×10
Text input	Quick text (Zi)
Memory	
Internal phone storage	120 MB (up to 100 MB of user accessible memory)
RAM	64 MB
Expansion slot	microSD™, up to 32 GB
Camera	
Camera resolution	3.2 megapixel
Digital zoom	2×
Video recording	Yes, QVGA
Networks	
CK13i	GSM GPRS/EDGE 850/900/1800/1900

Data transfer speeds	
GSM GPRS	Up to 40 kbps for upload and 60 kbps for download
GSM EDGE	Up to 118 kbps for upload and 177 kbps for download
Talk time (GSM)	3 hours 12 mins*
Standby time (GSM)	416 hours*
Music listening time	Up to 23 hours*
Video playback time	Up to 5.26 hours
Battery	1000 mAh

* According to GSM Association Battery Life Measurement Technique.

Note: Battery performance may vary depending on network conditions and configuration, and phone usage.

Categorised featur list

 <p>Camera 3.2 megapixel camera Send to web Video recording Audio recording File container</p>	 <p>Music Bluetooth™ stereo (A2DP) Media player Music tones (MP3/AAC) PlayNow™ service* TrackID™ music recognition*</p>	 <p>Internet Web browser (Obigo™ Q7)</p>
 <p>Communication Call list Conference calls Facebook™ application* Polyphonic ringtones Speakerphone Twitter™ application* Google Talk™ Vibrating alert</p>	 <p>Messaging SMS MMS Instant message E-mail</p>	 <p>Design Keyboard (QWERTY) Picture wallpaper</p>
 <p>Entertainment Java™ Radio (FM radio with RDS) Video viewing YouTube™*</p>	 <p>Organiser Alarm clock Calculator Calendar Flight mode Notes Stopwatch Timer</p>	 <p>Connectivity Bluetooth™ technology Micro USB support WLAN (Wi-Fi®) MediaGo™</p>

* This service is not available in all markets.

Technologies in detail

NOTE: The information outlined below is general and levels of compliance to standards and specifications may vary between products and markets. For more information, contact Sony Ericsson Developer World or your Sony Ericsson contact person where applicable.

Device-to-device communications (local)

Bluetooth™ wireless technology

Bluetooth™ profiles supported	Advanced Audio Distribution Profile V1.2 Audio/Video Remote Control Profile V1.0 Handsfree Profile V1.5 Headset Profile V1.1 Object Push Profile V1.1 Phonebook Access Profile V1.0
Core version and supported features	Bluetooth 2.1 + EDR
Connectable devices	Products supporting at least one of the profiles above

More information:

www.sonyericsson.com/developer

www.bluetooth.com

Wi-Fi®

Supported standards	IEEE 802.11b/g and Wi-Fi®
Connectable devices	Wi-Fi® access points
Frequency band	2.4 GHz
Data transmission rate	Up to 72 Mbps
Security	WEP 64 bit
	WEP 128 bit
	TKIP
	CCMP (AES)
	Open Authentication
	Shared Authentication
	EAP-TLS
	EAP-TTLS/MSCHAPv2
	PEAPv0/EAP-MSCHAPv2
	PEAPv1/EAP-GTC
	WPA Personal and WPA2 Personal
	WPA Enterprise and WPA2 Enterprise
Encryption	WEP, TKIP and AES
Power save	WMM-UAPSD
	QoS, WMM

Java™

Java™ Platform, Micro Edition

JSR-75 PDA Optional Packages
JSR-118 J2ME Mobile Information Device Profile
JSR-120 J2ME Wireless Messaging API
JSR-135 J2ME Mobile Media API
JSR-139 Connected Limited Device Configuration
JSR-172 J2ME Web Services Specification
JSR-185 Java Technology for the Wireless Industry
JSR-211 Content Handler API

Messaging

(MMS) Multimedia Messaging Service

According to OMA Multimedia Messaging Service v1.0 + SMIL

Email

Bearer type (IP)	GSM Data (IP) and GPRS
Character sets	BIG5 ISO2022JP ISO-8859-1 ISO-8859-2 Eastern Europe ISO-8859-7 Greek ISO-8859-9 Turkish KOI8 Shift JIS USASCII UTF-8 UTF-16 Windows® 1251 Cyrillic Windows® 1252 Windows® 1254 Turkish Windows® 1255 Hebrew Note: GB2312 is available in Simplified Chinese variants only, that is, Mainland China variants. BIG5 is only available in Traditional Chinese variants, that is, Hong Kong and Taiwan variants.
Protocols	POP3, SMTP and IMAP4

Multimedia (audio and video).

Audio Playback	Decoder format Audio decoding MPEG-1/2/2.5, audio layer 3	Supported in file format MP3 (.mp3)
	AAC, AAC+, eAAC+	3GP (.3gp), AAC (.aac), MP4 (.mp4, .m4a)
	AMR-NB General MIDI (GM) GML	3GP (.3gp), AMR (.amr) SMF (.mid) SMF (.mid)
Audio Recording	Encoder format AMR-NB AAC-LC	Supported in file format AMR (.amr)
Video Playback	Decoder format MPEG-4 Visual Simple Profile H.263 Profile 0	Supported in file format 3GP (.3gp), MP4 (.mp4) 3GP (.3gp), MP4 (.mp4)
Video Recording	Encoder format - Video: H.263 Profile 0 - Audio: AMR-NB	Supported in file format 3GP (.3gp)
	- Video: MPEG-4 Visual Simple Profile - Audio: AAC-LC	MP4 (.mp4)

Web browser

Browser version	Obigo™ Q7
Bookmarks	Sorting supported
Bookmark export/import	Bookmarks can be sent and received in vBookmark format using Bluetooth™ technology, SMS, MMS and email
Navigation/rendering	Full page PC rendering
Search	Internet Search
Browser compliancy	HTML version 4.01 XHTML Basic version 1.0 XHTML version 1.0 XHTML Mobile Profile version 1.1 WML 1.1, 1.2.1 and 1.3 CSS 2.1 ECMAScript Mobile Profile 1.0 DOM 2.0
Protocol Compliancy	HTTP/1.1

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