


**Z80\_GSM+CDMA1X Product SPEC**

◇ Basic Info	<b>Z80</b> 	Remark
◇ Platform	MTK6268+QSC1100	
◇ Band/Mode	GSM/GPRS:850/900/1800/1900MHz CDMA1X:450Mhz	CDMA1X 800Mhz optional
◇ Data UL/DL rate		
◇ Phone Factor	Candy Bar	
◇ Phone Size (mm)	118.9*49.5*13.6mm	
◇ Weight	110g	
◇ Battery	1500mAH, compatible with Nokia BP-4L	
◇ Operating system	MTK	
◇ Key	Candy Bar Key	
◇ Screen Size/Pixel	2.4 inch	
◇ System memory	1Gb Nand Flash + 512Mb DDR	
◇ External Memory Connector	T-Flash	Support Max 32G bytes
◇ Camera		
* Rear Camera	2 M pix	
* Front Camera	0.3 M pix	
◇ SIM slot	WCDMA+GSM+CDMA1X 3 CARDS 3 STAND BY	
<b>◇ HW Description</b>	<b>Item</b>	<b>Remark/Supplier</b>
◇ Main CPU or Co-CPU (MHz)		
* CPU (MHz)	246MHz	
* GSM voice codec	FR / EFR / AMR / HR/	
* WCDMA	Yes	
* GPRS	Yes	
* EDGE	No	
◇ LCD		
* Main LCD	2.4" QVGA	
* Main LCD backlight	White	
* Resistance Touch Lens	Yes	
* Keypad Backlight	White	
◇ Keypad Description		
* Main keypad	Candy Bar Keypad	
* Side key	Side "+", "-" /Camera key	
◇ Multimedia		
* Stereo ring tone	64 Poly	
* Vibrator	Yes	
* Record	Yes	
* Handsfree	Yes	
* Audio decoder	Yes	MP3, MIDI, AAC, AAC+, eAAC+, WMA, PCM
* Video decoder/encoder	Yes	
* H.263 decoder	Yes	video streaming.
* H.264 decoder	Yes	video streaming.
* Speaker	Single Speaker	
* MIC	1 MIC	
◇ Wireless transmission		
* WAP/MMS/JAVA	Yes	no CDMA
* JAVA	Yes	
* GPS	No	
* A-GPS	No	
* WiFi	No	
* FM	Yes	
* Bluetooth	Yes	
* Version	BT2.2	

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* Profiles:	HID, HSP, HFP, A2DP, PAN, OBEX, SPP	
◇ Battery		
* Standby time	>150h	
* Talking time	>5h	Depend on the network situation
* VT time	>3.5h	Depend on the network situation
* Backup battery	Yes	
◇ Accessory		
* AC charger	Yes	
* Audio Jack 4pin	3.5mm	
* Earphone	Yes	stereo
* Bluetooth head set	Optional	
* Cable	Yes	Charger\PC synchronization (1.20meter)
* User Manual Languages	English & Chinese	
<b>◇ SW description</b>	<b>Item</b>	<b>Remark/Supplier</b>
◇ Basic Functions		
* Languages (On browser)	multi-language	
* Text Input	Handwriting	
* Font		
* Font codec	Unicode	
* Phone book	phone 1000 + SIM	
* Phone Quick Find	Yes	Quick index by initial letter
* Groups	Yes	
* Ring Silencer/Quick Silent	Yes	
* Schedule/To_Do_List	Yes	
* Alarm clock	Yes	
* International clock set on world	Yes	
* Calculator	Yes	
* Currency converter	Yes	
* STK/USAT	Yes	
* Games	Yes	
* Any key answer	Yes	
* Automatic answering	No	
* Auto redial	Yes	
* Video call	Yes	QCIF 15fps
* Call forwarding	Yes	
* Call waiting	Yes	
* Emergency Call	Yes	
* Handwriting	Yes	
* lock all keys	Yes	
* Voice Dail	No	
* Voice Search	No	
* File Explorer	Yes	Manage both local and SD card files
◇ Email		
* POP3	Yes	
* IMAP	Yes	
* Exexchange	Yes	
◇ SMS		
* SMS	Yes	
* Long SMS	Yes	
◇ MMS		
* MMS picture supported format	JPEG,GIF,WBMP,BMP.	
* MMS audio supported format	MIDI, AMR, MP3, AAC, AAC+, WMA	
* MMS Video support format	MP4,3GP, WMV	
* MMS Total size	0.5M /per MMS	
◇ Browser		
* Download picture format	JPEG,GIF,WBMP,BMP, PNG	
* Download audio format	MIDI, AMR, MP3, AAC, AAC+, WMA, PCM	
* Download Video format	MP4,3GP, WMV	
* WWW Browser	Yes	Full HTML Browser
* WAP	2.0	
* WAP Push	Yes	
* Bookmarks	Yes	
◇ Sounds		
* Ringer tone format	MIDI/MP3/AMR/AAC/AAC+/AMR/WMA	
* MP3 Player	Yes	Support MP3 Album, Player and support playing in
◇ Java Aplication		
* JAVA Download	Yes	
* JAVA local install	Yes	
* Jar file size	512k	
◇ Mobile Camera --2M /5M		

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* Photography save size	5 types	64*64;320*240;640*480;1280*960;1600*1200
* Zoom	4	X1,X2,X3,X4
* Picture Formats	JPEG	
* Shutter Sound	Yes	
* Saving Image Quality	3 types	Super fine,Fine,Normal
* Effect	3 types	Normal,Sepia,Monochrome
* Environment	3 types	Normal, Indoor, Night
* Brightness setting	Yes	5 level
* Send the stored Images as the Attached File	Yes	
* Preview	Yes	
Main LCD	Yes	
Sub LCD	No	
* Consecutive Viewer (Like anim)	Yes	
* Consecutive capture	Yes	5s,10s,15s,20s
◇ Movie		
* Video Decoder	Yes	
* Video Encoder	Yes	
* Audio playback format	MP3, AAC, AAC+, AMR,MIDI, PCM, WMA	
* Audio Record Format	AMR	
* Video file format	3GP,MP4	
◇ Other		
* Backlight time	Yes	
* LCD backlight brightness adjust	Yes	
* Picture Zoom in/out	Yes	
* Simlock	Yes	
* DRM	No	
* PC sync tools	Yes	
* MSN	Yes	
* FACEBOOK	Yes	
* YAHOO MESSENGER	Yes	
* TWITTER	Yes	
* SKYPE	Yes	





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