


	Feature	Description	Compliance	Notes
Artwork	Dimensions	145.5mm *27mm*182mm		
	Weight	310g		
	Picture			
	Form factor	CPE		LTE CPE
	User manual		Optional	
	Quick guide		Yes	
	Warranty cards		Optional	
	Battery		No	There is battery compartment on the shell, but this model doesn't support battery.
	AC adapter	Rated voltage: 12V DC±10% Rated current: 1.5A Input voltage: 100V~240V, 50Hz~60Hz	Yes	
	Network cable	1 cable is included in the package	Yes	
	EAN	TBD	Yes	
TAC	TBD	Yes		
Solution	Wireless chipset	ASR		
	Routing and WiFi chipset supplier	MTK		
Baseband	Wireless chipset model	ASR1826		Power Management: <b>ASRPM802</b>
	Wireless processor info	ARM Cortex-A7 <ul style="list-style-type: none"> <li>• ARM v7 CPU running at up to 1.2 GHz</li> <li>• 32 KB L1 Instruction Cache</li> <li>• 32 KB L1 Data Cache</li> </ul> Modem Processors ARM Cortex-R5 <ul style="list-style-type: none"> <li>• Integer unit implementing ARMv7-R instruction set</li> <li>• 32 KB L1 Instruction Cache</li> <li>• 32 KB L1 Data Cache</li> <li>• 128 KB L2 Cache</li> <li>• 64 KB ATCM</li> <li>• 64 KB BTCM</li> </ul> Modem DSP core <ul style="list-style-type: none"> <li>• Micro-Signal Architecture (MSA) VLIW DSP core</li> <li>• 16 KB L1 Instruction Cache</li> </ul>		
	Routing and WiFi chipset model	AP: ZX279128S WiFi: MT7603EN/B(2.4GHz)+ MT7613EN/B(5GHz)		
	Routing and WiFi processor info	Dual ARM Cortex A9 processors, operating at a frequency of up to 800Mhz, Gigabit MII, 802.11n WLAN MAC/BB/PD/DC		
	SLIC	SLIC LE9643AQCT	Yes	
	NFC	NXP	Yes	Easy WiFi connection
	USIM/SIM slot	4FF	Yes	
	Memory(SDRAM/NAND)	ZX279128S : 1Gb Nand flash + 1Gb DDR3 ASR1826: 128MB NAND flash+128MB DDR2		
	MICRO SD slot		No	
	USB interface	1	Yes	USB 2.0 High Speed MicroUSB for Debug
	RJ45 interface	4	Yes	10BaseT/100BaseTX with Auto-MDIX IEEE
	RJ11 interface	1	Yes	
	WiFi users access	64 WiFi users simultaneously		32 for 2.4G, 32 for 5G
	Maximum power consumption	12W		
	Power indication LED	Position--1st one from the left Single color (White) Always on(White)--Once device has been initialized and under operational status Off-----device is power off		

	WiFi indication LED	Position--2nd one from the left Single color (White) Always on--WLAN working normally Blinking----WPS is active. Off-----WLAN shut down		
	Network mode indication LED	Position--3th one from the left Red----Not register or no SIM Blue Solid----Register to 2G/3G White Solid----Register to LTE		
	LAN status indication LED	Position--backside of the device Single color (White) Always on--The LAN port is connected Blinking----The LAN port is connected with data transmission Off-----No network cable connected		
RF	Chipset	ASRRF866		
	Receive diversity		Yes	
	Equalization		Yes	
	Main antenna	Internal antenna and External antenna interface	Yes	Two LTE main antenna , one is for high frequency, the other is for Low and Medium frequency. Two external antenna interface
	Receive diversity antenna	Internal antenna	Yes	
	Antenna gain	b1:2.2dBi b2: 2.1dBi b3: 2.1dBi b4: 2dBi	Yes	
	GSM band	EDGE/GPRS/GSM 850/900/1800/1900 MHz	Yes	
	UMTS	Band 1/2/5/8/4	Yes	
	LTE band	FDD B1/2/3/4/26(5)/7/8/20/28(17&12)/32 TDD B38/B40/B41 (200MHz)	Yes	DLCA B1C B1+B3 B1+B26 B1+B7 B1+B8 B1+B20 B1+B28 B3C B3+B26 B3+B7 B3(P)+B8 B3+B20 B3+B28 B7C B7+B20 B7(P)+B8 B7+B20 B7+B28 B20+B32 B38C B40C B41C
	UL CA	3C,41C	Optional	Cat7 ability
	RxDiv band	FDD B1/2/3/4/26(5)/7/8/20/28(17&12)/32 TDD B38/B40/B41 (200MHz)		
	MIMO for wireless transmitter power for wireless	LTE DL 2*2 MIMO LTE: 23dBm+/-2.7dB	Yes	Different band have different transmitter power.
	WiFi band	2400MHz-2483.5MHz 5180MHz-5825 MHz		
	MIMO for WiFi		Yes	802.11 a/n/ac (5180MHz-5825MHz) 2T2R 802.11 b/g/n (2400MHz-2483.5MHz) 2T2R
Max. transmitter power for WiFi	2.4G 20dBm 5G 23 dBm			
GSM/EDGE	GPRS: Multi-slot Class 10 EDGE: Multi-slot Class 12  GPRS: UL 80kbps /DL 40kbps EDGE: UL/DL 236.8kbps			

Technical standard	HSDPA/HSUPA/HSPA+/LTE	HSDPA: DL 14.4Mb/s(Category 10) DL 21Mb/s(Category 14) DL 42Mb/s(Category 24) HSUPA: UL 2Mb/s(Category 5) UL 5.76Mb/s(Category 6) LTE FDD(Category 6): DL 300Mb/s UL 50Mb/s LTE FDD(Category 7)-optional: DL 300Mb/s UL 100Mb/s LTE TDD(Category 6): DL 220Mb/s UL 10+Mb/s		TDD peak rates based on 20 MHz bandwidth with UL/DL frame config 4 (DL/UL ratio 7:2)
	3GPP release	LTE Rel 10, WCDMA Rel '99 plus Rel 5 HSDPA, Rel 6 HSUPA, Rel 7 HSPA+, Rel 8 DC-HSPA+		
	WiFi standard	802.11b/g/n(2*2 11n features) 802.11ac/a/n(2*2 11n features)		
	WiFi security	WPA-PSK/WPA2-PSK	Yes	Support WPA/WPA2 –Authentication: Pre-Shared Key (PSK) –Encryption: Auto
	WPS	PBC(Push Button Config) & station PIN	Yes	
	IP protocols	RFC 791 (IP)	Yes	
		RFC 793 (TCP)	Yes	
		RFC 768 (UDP)	Yes	
		RFC 792 (ICMP)	Yes	
		RFC 826 (ARP)	Yes	
RFC 1661 (PPP)		Yes		
RFC 1332 (IPCP)		Yes		
NAT/NAPT	RFC 1334 (PAP)	Yes		
	RFC 1994 (CHAP)	Yes		
Browser	RFC 3022	Yes		
	IE	Yes		
	Firefox	Yes		
	Safari	Yes		
	Opera	Yes		
Router	Chrome	Yes		
	Port forwarding	Yes		
	IP filter	Yes	IP/MAC/Port/URL filter	
	DMZ	Yes		
	UPnP	Yes		
SW MISC	VPN passthrough	PP2P/L2TP/IPSec	Yes	
	Voice		Yes	CSFB&VoLTE
	Fax		No	
	SMS		Yes	SMS via Web GUI
	MMS		No	
	STK		Optional	Can be customized
	USSD		Optional	Can be customized
	Phonebook		Yes	Phonebook via Web GUI
	Network lock		Yes	Can be customized
	IPV4/IPV6		Yes	
	DLNA-DMS		No	
	Language	English by default	Yes	
	Firewall switch	Enable/Disable IP/MAC/Port/URL filter	Yes	
Online Upgrade	DM-FOTA	Yes		
HW buttons & switches	Reset button	To restore factory default configurations	Yes	Button located at the top of the device
	WPS button	To activate the PBC(Push Button Config) function and	Yes	Button located on the top of the device
Approvals & Certification	CE		Yes	
	GCF		No	
	FCC		No	
	PTCRB		No	
	ROHS		Yes	
	REACH		Yes	
	WHQL		No	
	WEEE		Yes	
WiFi certification		Yes		
Enviornment	Operating temperature	-20 to 55 C	Yes	
	Storage temperature	-40 to 70° C	Yes	
	Humidity	5%~ 95%	Yes	
Market launch details	Engineering samples (yyyy/mm)			
	Final samples (yyyy/mm)			
	Product market launch date (planned) (yyyy/mm)			