


	Feature	Description	Support	Remarks
Artwork	Dimensions	18.5*133*73 mm		
	Weight	About 220g		
	Picture			
	Form factor	5G uFi(SA & NSA) Support: 5G NR 5G NR + LTE EN-DC		
	User manual		Optional	
	Quick guide		Yes	
	Warranty cards		Optional	
	Battery	4500mAh	Yes	Support QC4.0 and PD2.0 quick charge
	AC adapter	5V/3A	Yes	
	Network cable	1 cable is included in the package	Yes	
	EAN		Optional	Can be customized
	TAC		Optional	
	Solution	Wireless chipset supplier	Qualcomm	
Routing and WiFi chipset supplier		Qualcomm		
	Wireless chipset model	SDX55		Power Management: PMX55+PMK8002
	Wireless processor info	SDX55M Arm Cortex-A7 up to 1.5GHz		
	Routing and WiFi chipset model	QCA6391		
	Routing and WiFi processor info	QCA6391 Dual-Band 2x2 MIMO DBS 802.11ax		
	USIM/SIM slot	Standard 6PIN SIM card interface 3V SIM card and 1.8V SIM card		4FF
	Memory(SDRAM/NAND)	512MB/512MB		

	MICRO SD slot		No	
	USB interface	1	Yes	TypeC 3.1 For speed test and debug
	RJ45 interface	1	Yes	1GE: 10Base-T /100Base-T /1000Base-T
	RJ11 interface		No	
	WiFi users access	32 users	Yes	
	Maximum power consumption	About 6.8W		
	LCD	Type: TFT Size: 2.4 inch Resolution: 320*240	Yes	Touch screen
	Power indication LED		No	
	WiFi indication LED		No	
	Network mode indication LED		No	
	WAN signal strength indication LED		No	
	Ethernet signal strength indication LED		No	
RF	Chipset	SDX55		
	SRS		Yes	N41, N77, N78
	Waveform	CP-OFDM for UL&DL DFT-s-OFDM for UL	Yes	
	Sub Carrier	Sub6G: 30KHz, 15KHz mmW: 120KHz	Yes	
	Main antenna	Internal antenna	Yes	
	GSM band	Doesn't support 2G.	No	
	UMTS band	B1/2/5/8	Yes	
	LTE band	B1/3/5/7/8/20/28/38/39/40/41/42	Yes	
	5G Sub6 Band	n1/3/5/7/8/20/28/38/40/41/77/78	Yes	
	5G mmWave Band	n257/258(optional)	No	
	MIMO for wireless	5G Sub6: N78 supports 4*4MIMO LTE: 1/3/7 supports 4MIMO	Yes	
	transmitter power for wireless	26dBm for N78 23dBm for other bands	Yes	
	WiFi band	2.4G & 5G	Yes	
	MIMO for WiFi	2*2 MIMO for both 2.4G&5G	Yes	
	MU-MIMO		Yes	Support when the device works as a station.
		Max. transmitter power for WiFi	16dBm(Max) in 11a mode 17dBm(Max) in 11b mode 16dBm(Max) in 11g mode 16dBm(Max) in 11n mode 16dBm(Max) in 11ac mode 16dBm(Max) in 11ax mode	Yes

Technical standard	WCDMA	WCDMA CS: UL 64kbps/DL 64kbps WCDMA PS: UL 384kbps/DL 384kbps HSDPA: DL 14.4Mb/s(Category 10) DL 21Mb/s(Category 14) DL 42Mb/s(Category 24) HSUPA: UL 5.76Mb/s(Category 6)	Yes	
	LTE	LTE FDD(DL Category 20, UL Category 13): DL 2.0Gb/s UL 150Mb/s LTE TDD(DL Category 20, UL Category 13) DL 1.46Gb/s UL 30Mb/s	Yes	FDD peak rates require DL: 256QAM + 5CA + 4MIMO; UL: 64QAM + 2CA intra-bandsand interband TDD peak rates require DL: 256QAM + 5CA + 4MIMO; UL: 64QAM + 2CA intra-bandsand interband. And TDD frame config 2 (DL/UL ratio 7:2)
	NSA 5G Sub + LTE Band	5G Sub6G - LTE TDD DL 1.43Gb/s UL 900Mb/s 5G Sub6G - LTE FDD DL 3.45 Gb/s UL 600Mb/s	Yes	5G Sub6G DL peak rates requires: 100MHz + 256QAM + 4MIMO 75% DL duty cycle; 5G Sub6G UL peak rates requires: 100MHz + 256QAM 92.5% duty cycle. This is UL highest speed. Not happen with DL speed listh here 5G Sub6G - LTE FDD 1.DL is 1.43G Sub6G + 2G LTE FDD (just can up to 20 layer with 256QAM) 2. UL is 450M +150M(just can up to 2 laver)
	Bandwidth of Sub6G	20MHz, 40MHz, 50MHz, 60MHz, 80MHz, 90MHz, 100MHz	Yes	Support different bandwidths for different bands. Take n78 for example.
	Modulation	LTE:DL 256QAM/UL 64QAM sub-6:DL 256QAM/UL 256QAM mmW:DL 64QAM/UL 256QAM	Yes	
	BWP		Yes	
	Network Slicing		No	

	3GPP release	Release 15	Yes	
	WiFi standard	802.11b/g/n/a/ac/ax	Yes	
	WiFi Band	2.4G: 20M/40M 5G: 20M/40M/80M	Yes	
	WiFi Speed	2.4GHz 2MIMO 575Mbps 5GHz 2MIMO 1.2Gbps The total speed can up to 1.775Gbps	Yes	This is theoretical speed
	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	
		RFC 1334 (PAP)	Yes	
	RFC 1994 (CHAP)	Yes		
	NAT/NAPT	RFC 3022	Yes	
	Browser	IE	Yes	
		Firefox	Yes	
		Safari	Yes	
		Opera	Yes	
		Chrome	Yes	
	ZTE Link	Andriod and iOS APP to management the device.	Yes	
Router	Port forwarding		Yes	
	IP filter		Yes	IP/MAC/Port/URL filter
	DMZ		Yes	
	UPnP		Yes	
	VPN passthrough	PP2P/L2TP/IPSec	Yes	
	VPN Client		No	
	Voice		No	
	Fax		No	
	SMS		No	
	MMS		No	
	Phonebook		No	
	Network lock		Optional	Can be customized
	IPv4/IPv6		Yes	
	Language	English	Yes	
	Firewall switch	Enable/Disable IP/MAC/Port filter	Yes	
	TR069		Optional	
	Online update	FOTA	Yes	
HW buttons	Power button		Yes	

&switches	Reset button	To restore factory default configurations after pressing for 3 seconds	Yes	Button located on the bottom of the battery cover.
	WPS button	To activate the PBC(Push Button Config) function	No	
Approvals &Certification	CE		Yes	ACA
	ROHS		Yes	
	WEEE		No	
	GCF		No	
	FCC		No	
	WiFi certification		Yes	
	PTCRB		No	
	REACH		No	
	Operating temperature	0 to 35° C	Yes	
	Storage temperature	-20 to 45° C	Yes	
	Humidity	5% to 95%	Yes	
Market launch details	Engineering samples (yyyy/mm/dd)	Nov of 2021		
	Final samples (yyyy/mm/dd)	Dec of 2021		
	Product market launch date (planned) (yyyy/mm/dd)	Dec of 2021		