


	Feature	Description	Support
Artwork	Dimensions	205*100*100mm	
	Weight	about 760g	
	Picture		
	Form factor	5G CPE (SA & NSA)	
	User manual		No
	Quick guide		Yes
	Warranty cards		Optional
	Battery		No
	AC adapter	12V/2A	Yes
	Network cable	1 cable is included in the package	Yes
	EAN		Yes
TAC		Yes	
Wireless chipset supplier	Qualcomm		
Routing and WiFi chipset supplier	Qualcomm		

Solution	Wireless chipset model	SDX62	
	Wireless processor info	SDX62 Arm Cortex-A7 up to 1.8GHz	
	Routing and WiFi chipset model	QFW6114+QFW6114	
	SLIC	SI32176	
	USIM/SIM slot	Standard 6PIN SIM card interface 3V SIM card and 1.8V SIM card	
	Memory(SDRAM/NAND)	8Gbits Nand + 8Gbits LPDDR4	
	MICRO SD slot		No
	USB interface	1	Yes
	RJ45 interface	2	Yes
	RJ11 interface	1	Yes
	WiFi users access	128	
	Maximum power consumption	< 24W	
	Power indication LED	Single color (White) Always on(White)----power on Off----powered off	
	WIFI indication LED	Single color (White) Always on----WLAN working normally Blinking----WPS is activating	
	Network mode indication LED	Red----Turn on but not register White Solid----Connect or Register to NSA or SA network Blue Solid----Connect or Register to 3G or LTE only	
	LAN port LED	Single color (Green&Orange) Green Solid----The LAN port is connected Orange blink----The LAN port is connected with data transmission Off----No network cable connected	
	Chipset	SDX62	

RF	SRS		Yes
	Waveform	CP-OFDM for UL&DL DFT-s-OFDM for UL	Yes
	Sub Carrier	30KHz, 15KHz	
	Main antenna	Internal antenna	
	Antenna Gain	700~960MHz: 1~1.5dBi 1450~2700MHz: 1.5~2.5dBi 3300~4200MHz: 4dBi , 10dBi for only Rx	
	GSM band		No
	UMTS band	B1/8	Yes
	LTE band	B1/3/7/8/20/28/32/38/40/42/43	
	5G Sub6 Band	N1/3/7/8/20/28/38/40/75/77/78	
	5G mmWave Band		No
	NSA 5G + LTE Band		Yes
	MIMO for wireless	5G Sub6:n1,n3,n7,n78 supports 4*4MIMO; LTE: B1,B3,B7,B32,B38,B41 supports 4MIMO	
	transmitter power for wireless	26dBm for B41,N78 SA 23dBm for other bands	
	WiFi band	2.4GHz & 5GHz	
	MIMO for WiFi	2.4GHz: 4*4 MIMO 5GHz: 4*4 MIMO	
MU-MIMO		Yes	
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		

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)	
	LTE	LTE FDD(DL Category19, UL Category18): DL 1.6Gb/s UL 200Mbps LTE TDD DL 1.12Gb/s UL 40Mb/s	
	NSA 5G Sub + LTE Band	LTE FDD + Sub6G DL 3.03 Gb/s UL 180Mb/s	
	SA 5G Sub6	5G Sub6G -TDD DL 1.716 Gb/s UL 160Mb/s	
	Bandwidth of Sub6G	40MHz, 50MHz, 60MHz, 80MHz, 90MHz, 100MHz	
	Modulation	Sub6G DL: 256QAM UL: 256QAM LTE DL:256QAM UL: 64QAM	
	BWP		Yes
	Network Slicing		No
	3GPP release	Release 16	

	WiFi standard	802.11 b/g/n/a/ac/ax	
	WiFi Band	2.4G: 20M/40M 5G: 20M/40M/80M/160M	
	WiFi Speed	2.4G 4*4 MIMO: 1.2Gbps 5G 4*4 MIMO: 4.8Gbps The total speed can up to 6Gbps.	
	WiFi security	Open WPA2(AES)-PSK WPA-PSK/WPA2-PSK WPA3-PSK WPA2-PSK/WPA3-PSK	Yes
	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
	NAT/NAPT	RFC 3022	Yes
	Browser	IE	Yes
		Firefox	Yes
		Safari	Yes
		Opera	Yes
		Chrome	Yes
	ZTE Link	Android and iOS APP to management the CPE	Yes
Router	Port forwarding		Yes
	IP filter		Yes
	DMZ		Yes
	UPnP		Yes
	VPN passthrough	PP2P/L2TP/IPSec	Yes
	VPN Client	PP2P/L2TP	No
	Voice		Yes
	Fax		No

Add. Features	SMS		Yes
	MMS		No
	Phonebook		No
	Network lock		No
	IPV4/IPV6		Yes
	Language	English	Yes
	Firewall switch	Enable/Disable IP/MAC/Port/URL filter	Yes
	TR069		Yes
	Online update	FOTA	Yes
HW buttons & Switches	Power button		No
	Reset button	To restore factory default configurations after pressing for 3 seconds	Yes
	WPS button	To activate the PBC(Push Button Config) function	Yes
Approvals & Certification	CE		Yes
	ROHS		Yes
	WEEE		Yes
	GCF		Yes
	FCC		No
	WiFi certification		Yes
	PTCRB		No
	REACH		Yes
Env.	Operating temperature	-20 to 55° C	
	Storage temperature	-40 to 70° C	
	Humidity	5% to 95%	
Market launch details	Engineering samples (yyyy/mm/dd)		
	Final samples (yyyy/mm/dd)		
	Product market launch date (planned) (yyyy/mm/dd)		

Power Management: PMX62+PMK62
4FF physical SIM by default. eSIM is compliable, but default is SIM slot
TypeC For speed test and debug
One 1GE: 10Base-T /100Base-T /1000Base-T One 2.5GE:10Base-T /100Base-T /1000Base-T/2500Base-T
Default: VoLTE&CSFB
2.4GHz: 64 users 5GHz: 64 users
It's standand RJ45 LED status

N78
Doesn't support 2G
CA: Support 2CA, 3CA, 4CA, 5CA on DL Support 2CA on UL if you want to know more CA ability of this device to match your network, please provide your requirement and make further evaluation.
Doesn't support mmWave
There are so many EN-DC ability on this device, if you want to know more ability of this device to match your network, please provide your requirement and make further evaluation.
This is max WiFi transmitter power on this device. These values will be adjusted by country code base on the local law.

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)
LTE FDD + Sub6G DL: LTE 16layer/256QAM + NR 100M /256QAM +75% DL duty cycle; UL: LTE 20M 256QAM + 100M NR 256QAM 25% UL This is theoretical Max Rate on this device platform. The different CA requirement will result different rate
DL peak rates requires: 100MHz + 256QAM + 4MIMO 75% DL duty cycle; UL peak rates requires: 100MHz + 256QAM + 2MIMO 92.5% duty cycle. This is UL highest speed. Not happen with DL speed listh here
There is four bandwidth parts (BWPs) at most for receptions in a downlink bandwidth, but just one is active.

