



P53 5G CPE路由器

平台	芯片	展锐UDX710, 双核A55 1.35G
	操作系统	Linux
内存	RAM	4Gb, SIP LPDDR4X
	ROM	1Gb, external NAND
射频	3GPP	R8,R9...,R15
	速率	HSDPA: Max.42.2Mbps (DL) (Category 24)
		HSUPA: Max.11Mbps (UL) (Category 7)
		WCDMA: Max.384Kbps (DL) /384Kbps (UL)
		LTE FDD: Max.300Mbps (DL) /50Mbps
		LTE TDD: Max.260Mbps (DL) /30Mbps
		5G NR TDD: Max.2Gbps (DL) /500Mbps (UL)
	LTE天线	1T2R
	5G天线	1T4R
	WCDMA/HSPA	B1
	TDD-LTE	B34/38/39/40/41
	FDD-LTE	B1/B3/B5/B8
	CA	B1+B3 B1+B1 B3+B3 B39+B41 B39+B39 B40+B40 B41+B41
	5G NR	FDD:N1/N3/N28(1T2R) TDD:N41/N78(1T4R)
NR ENDC	B3+N41,B39+N41;B1+N78,B3+N78,B5+N78,B8+N78	
输出	Class 3 (24 dBm +1/-3 dB) , WCDMA Class 3 (23 dBm ±2 dB), LTE Class 3 (23 dBm ±2 dB), 5G NR	
WiFi6 2.4GHz	协议	802.11 a/b/g/n/ac
	频段	2.4GHz
	WiFi天线	2×2
	Rx灵敏度	MCS9: -63dBm@10% PER MCS7: -68dBm@10% PER 54M: -70dBm@10% PER 11M: -83dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER

	Tx功率	16dBm(Max) in 11b mode 14dBm(Max) in 11g mode 14dBm(Max) in 11n mode 13dBm(Max) in 11ax mode
	速率	11ax:286.8Mbps@TX and 229.4Mbps@RX 11g:54/48/36/24/18/12/9/6 Mbps (Auto Rate Sensing) 11b:11/5.5/2/1 Mbps (Auto Rate Sensing) 11n:150 Mbps /.../6.5Mbps (Auto Rate Sensing)
WIFI6 5GHz	协议	IEEE 802.11 a/b/g/n/ac/ax
	频段	default 5GHz
	WiFi channel BW	20/40/80MHz
	Rx灵敏度	MCS9: -63dBm@10% PER MCS7: -68dBm@10% PER 54M: -70dBm@10% PER 11M: -83dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
	Tx功率	16dBm(Max) in 11b mode 14dBm(Max) in 11g mode 14dBm(Max) in 11n mode 13dBm(Max) in 11ax mode
	速率	11ax:Data rates up to 600.4Mbps with 20/40/80MHz bandwidth 11ac:433/390/325...32.5Mbps (Auto Rate Sensing) 11g:54/48/36/24/18/12/9/6 Mbps (Auto Rate Sensing) 11b:11/5.5/2/1 Mbps (Auto Rate Sensing) 11n:150 Mbps /.../6.5Mbps (Auto Rate Sensing)
接口定义	按键	WPS, RESET, POWER
	SIM	1*SIM slot, 1*ESIM
	网口	1 GE port
	LED	WIFI, Lan status,4G,5G,Power
	USB口	TYPE-C
	DC电源口	12V/2A
Software	语言	中英文双语
	防火墙	IP Filter, MAC filter, Speed Limit
	协议栈	TCP/UDP/HTTP/PING/HTTPS/FTPS/MQTT/MMS
	SIM卡	PIN管理
	APN Setup	支持
	Band Lock	支持
	PCI Lock	支持
	Cell Lock	支持
	Carrier SIM Lock	支持
	DHCP Setup	支持
	Port Mapping	支持
	IP Filter	支持
	MAC Filter	支持
	Speed Limit	支持
	TR069	可调试
WiFi		支持修改WIFI名称、密码
		加密 WPA2-PSK, WPA/WPA2-PSK,
		WIFI广播

	信道自适应
	10人以上
AT command	支持
FOTA	支持
Webgui	支持



P53 5G CPE Router

Platform	CPU	UDX710, Dual core A55 1.35G	
	OS	Linux	
Memory	RAM	4Gb, SIP LPDDR4X	
	ROM	1Gb, external NAND	
RF	3GPP	R8,R9...,R15	
	Data rate	HSDPA: Max.42.2Mbps (DL) (Category 24)	
		HSUPA: Max.11Mbps (UL) (Category 7)	
		WCDMA: Max.384Kbps (DL) /384Kbps (UL)	
		LTE FDD: Max.300Mbps (DL) /50Mbps	
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		5G NR TDD: Max.2Gbps (DL) /500Mbps (UL)	
	LTE antenna	1T2R	
	5G antenna	1T4R	
	WCDMA/HSPA	B1	
	TDD-LTE	B34/38/39/40/41	
	FDD-LTE	B1/B3/B5/B8	
	CA	B1+B3 B1+B1 B3+B3 B39+B41 B39+B39 B40+B40 B41+B41	
	5G NR	FDD:N1/N3/N28(1T2R) TDD:N41/N78(1T4R)	
NR ENDC	B3+N41,B39+N41;B1+N78,B3+N78,B5+N78,B8+N78		
output	Class 3 (24 dBm +1/-3 dB) , WCDMA Class 3 (23 dBm ±2 dB) , LTE Class 3 (23 dBm ±2 dB) , 5G NR		
WIFI6 2.4GHz	Protocol	802.11 a/b/g/n/ac	
	Frequency	2.4GHz	
	WiFi antenna	2×2	
	Rx Sensitivity	MCS9: -63dBm@10% PER MCS7: -68dBm@10% PER 54M: -70dBm@10% PER 11M: -83dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER	
	Tx Power	16dBm(Max) in 11b mode 14dBm(Max) in 11g mode 14dBm(Max) in 11n mode 13dBm(Max) in 11ax mode	
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	Protocol	IEEE 802.11 a/b/g/n/ac/ax	

WIFI6 5GHz	Frequency	default 5GHz
	WiFi channel BW	20/40/80MHz
	Rx Sensitivity	MCS9: -63dBm@10% PER MCS7: -68dBm@10% PER 54M: -70dBm@10% PER 11M: -83dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
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interface	Key	WPS, RESET, POWER
	SIM	1*SIM slot, 1*ESIM
	RJ45	1 GE port
	LED	WIFI, Lan status,4G,5G,Power
	USB Port	TYPE-C
	DC port	12V/2A
Software	Language	English , Simple Chinese, Can be customized
	Firewall Features	IP Filter, MAC filter , Speed Limit
	Protocol stack	TCP/UDP/HTTP/PING/HTTPS/FTPS/MQTT/MMS
	SIM Card	PIN Management
	APN Setup	Support
	Band Lock	Support
	PCI Lock	Support
	Cell Lock	Support
	Carrier SIM Lock	Support
	DHCP Setup	Support
	Port Mapping	Support
	IP Filter	Support
	MAC Filter	Support
	Speed Limit	Support
	TR069	Support configure & queries parameters Support remote upgrade Support cycle monitor
	WiFi	Support Wi-Fi SSID/KEY setup Support Encryption: WPA2-PSK, WPA/WPA2-PSK, Support SSID broadcasting Support Wi-Fi channel self-adapt and select up to 10 users or more
	AT command	Support
FOTA	Support	
Webgui	Support	