

5G CPE Specification



Specifications

Basic configuration	Product Model	KT-R4A
	Chipset	MTK 5G 6nm MT6877, WiFi6 AX3000
	Memory	2GB RAM + 8GB ROM
	WiFi	MT7981BA+MT7976CN+MT7531AE
LCM	LED	Power /5G signal /4G signal /WiFi
Cellular	Protocal	3GPP Release 15, 5G NR, SA/NSA, Sub 6G/LTE, Category 18
	Bands	<p>【EAU】</p> 5G: n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n77/n78 4G: B1/B3/B5/B7/B8/B20/B28/B38/B40/B41/B42/B43 3G: B1/B5/B8 <p>【LAM】</p> 5G NR:n2/n5/n28/n66/n78 4G:B2/B4/B5/B7/B8/B28/B42/B43/B66 3G:B2/B5/B8 <p>【NA】</p> 5G NR:n2/n5/n12/n25/n66/n41/n48/n71/n77/n78 4G:B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B41/B42/B43/B48/B66/B71
	CA/ENDC	Support mainstream 2CC LTE+1CC NR ENDC combination, as well as LTE 2CA and partial 2CA NR.
	Throughput	NSA NR: Downlink/Uplink up to 3.5Gbps/700Mbps SA NR: Downlink/Uplink up to 2.77Gbps/1.25Gbps LTE: Downlink/Uplink up to 1.2Gbps/150Mbps WCDMA: Downlink/Uplink up to 42.2Mbps/11.5Mbps
	Antenna	4*4 MIMO
WiFi	Bands	2.4G, 5.8G
	Protocal	WiFi-6, 802.11a/b/g/n/ac/ax, 2.4GHz & 5GHz, Simultaneous Dual-Band Wi-Fi
	Throughput	5 GHz: 2402 Mbps (802.11ax, HE80) 2.4 GHz: 574 Mbps (802.11ax)
	WIFI 2.4 GHz&5 GHz	4X4, AX(WIFI 6), MU-MIMO BEANFORMING
	Users	128 users
Interface	SIM card	NANO SIM card, eSIM optional, hot plugging supported
	USB	TYPE-C (USB2.0)
	Ethernet Port	2x RJ45 (1xLAN 1 Gigabit,1xLAN/WAN 1 Gigabit)
	VoLTE/CSFB	RJ11 (Option)
Software	OS	Linux
	Browser	IE/Firefox/Google Chrome/Safari/Opera
	Network Setup	APN management/Network selection/Statistics/Data usage
	Management	Web UI
	LAN	LAN IP Address/Multicast Proxy/DHCP Service Type/DHCP Server /DHCP Lease Reservation/DHCP Lease Status
	WAN	DHCP/PPPoE/Static IP
	Security	Firewall/VPN Passthrough/DMZ/Port Forwarding/Port Filter/NAT/PP2P/Parental Control/UPnP /IP/MAC/URL Filter/IP sec
	DHCP	DHCP/IPv4/IPv6
	WIFI Encryption	WPA, WPA2, WPA3
	WIFI Band Steering	Support
	MESH	EASY MESH optional
	TR069	Support
	Fota	Support
Auto Pin	Support	
Button	Button	1*WPS/MESH + 1*RESET
Charge	TYPE-C	AC 100~240V, 50/60Hz, DC 12V
Dimension	Dimension	101.5x 101.5 x 191.5 mm

Environment	Working Temperature	0°C-45°C
	StorageTemperature	-20°C-70°C
	Storage humidity	5%-95%

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