

# 5G CPE Specification



## Specifications

Basic configuration	Product Model	KT-R2A
	Chipset	MTK T750
	Memory	1GB RAM + 1GB ROM
	WiFi	MT7915+MT7975 * 2
LCM	LED	Power /5G signal /4G signal /WiFi
Cellular	Protocal	3GPP Release 15, 5G NR, SA/NSA, Sub 6G/LTE
	Bands	<b>【EAU】</b> NSA: n1/ 3/ 5*/ 7/ 8/ 20/ 28/ 38/ 40/ 41/ 71*/ 77/ 78 SA: n1/ 3/ 5*/ 7/ 8/ 20/ 28/ 38/ 40/ 41/ 71*/ 77/ 78 FDD: B1/ 3/ 5*/ 7/ 8/ 20/ 28/ 32/ 71* TDD: B38/ 40/ 41/ 42/ 43 WCDMA: B1/ 5*/ 8 <b>【LAM】</b> NSA: n2/ 5/ 7/ 28/ 66/ 78 SA: n2/ 5/ 7/ 28/ 66/ 78 FDD: B2/ 4/ 5/ 7/ 8/ 28/ 66 TDD: B42/ 43 WCDMA: B2/ 4/ 5 <b>【NA】</b> NSA: n2/ 5/ 7/ 12/ 25/ 38/ 41/ 48/ 66/ 71/ 77/ 78 SA: n2/ 5/ 7/ 12/ 25/ 38/ 41/ 48/ 66/ 71/ 77/ 78 FDD: B2/ 4/ 5/ 7/ 12/ 13/ 14/ 17/ 25/ 26/ 29/ 30/ 66/ 71 TDD: B38/ 41/ 42/ 43/ 48
	Throughput	<b>5G:</b> SA: DL : 4.67Gbps, UL: 1.25Gbps; NSA: DL : 3.74Gbps(LTE 1.4Gbps+NR 2.3Gbps) , UL:835Mbps(LTE 211Mbps+NR 625Mbps) <b>4G:</b> DL: 1.6Gbps UL: 211Mbps
	Antenna	5G MIMO(DL): 4x4 MIMO: >1GHz 4*4, MIMO <1GHz 2*2 MIMO 5G MIMO(UL): 2x2 MIMO on n41/77/78 4G MIMO(DL): 4x4 MIMO : >1GHz 4*4, MIMO <1GHz 2*2 MIMO
WiFi	Bands	2.4G, 5.8G, DBDC
	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: 1148 Mbps (802.11ax)
	WIFI 2.4 GHz&5 GHz	4X4, AX(WIFI 6), MU-MIMO BEANFORMING
	Users	128 users
Interface	SIM card	Single SIM card, hot plugging supported NANO SIM card,eSIM optional
	USB	TYPE-C (USB2.0)
	Ethernet Port	3x RJ45(2xLAN 1 Gigabit,1xLAN/WAN 2.5Gigabit) with LED
	RJ11	VoLTE/CSFB
Software	OS	Linux
	Browser	IE/Firefox/Google Chrome/Safari/Opera
	Network Setup	APN management/Network selection/Statistics/Data usage
	Management	Web UI
	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
	Storage Temperature	-20°C-70°C
	Storage humidity	5%-95%

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