

ADOC R55

5G Router



4G and 5G
bands



3 RJ45
ports



High-power
Wi-Fi



SIM
card



High-power Wi-Fi

Our 5G router is equipped with high-power Wi-Fi, ensuring a fast and stable connection, with wide coverage to meet all your connectivity needs.

1 RJ11 port 2 RJ45 ports

Offering flexible and adaptable connectivity for wired networks, ensuring a fast and efficient network experience at all times.



Nano SIM card slot 4FF

Includes a Nano SIM card port (4FF), allowing connectivity to mobile networks to ensure internet access anywhere, without the need for a wired connection.

Basic specifications

CHIP	MTK T750
PROCESSOR	Cortex-A55 Quad
PROCESSOR SPEED	2 GHz
MEMORY	1 GB RAM + 1 GB ROM

RF

CHIPSET	MT6190
ANTENNAS	Internal (Wifi /MIMO)
BANDS	UMTS: B1/B2/B5/B8 5G: n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n77/n78 LTE: B1/B3/B5/B7/B8/B20/B28/B32/B38/B40/B41/B42/B43 WCDMA: B1/B5/B8
WIRELESS MIMO	5G NR DL 4*4 MIMO LTE DL 4*4MIMO
MAX. TRANSISTOR POWER	WCDMA: Class 3 (24 dBm +1/-3 dB) LTE-FDD: Class 3 (23 dBm ±2 dB) LTE-TDD: Class 3 (23 dBm ±2 dB) 5G NR: Class 3 (23 dBm ±2 dB) 5G NR n40/n41/n77/n78 bands UL MIMO HPUE 2: Class 2 (26 dBm +2/-3 dB)
WIFI BAND	2400 MHz-2483. 5MHz/5150MHz-5850MHz
MIMO FOR WIFI	2.4G 802.11.b/g/n MIMO 4*4 5G 802.11.ac/ax MIMO 4*4
5G NR SA	5G NR DL: 4.67 Gbps (4*4 MIMO, 256QAM) 5G NR UL: 1.25 Gbps (2*2 MIMO, 256QAM)
5G NR NSA	5G NR NSA DL: 3.74 Gbps (LTE 4*4 MIMO, 256QAM,20Layers; 5G NR 4*4MI-MO,256QAM) 5G NR NSA UL: 1.26 Gbps (LTE 1*1 SISO, 256QAM; 5G NR 1*1 SISO, 256QAM)"
LTE	LTE DL: 1.6 Gbs (4*4 MIMO, 256QAM, 20 layers) LTE UL: 0.211 Gbps (1*1 SISO, 256QAM, 2 layers)

WCDMA/HSPA/DC-HSPA	DC-HSPA:DL 42 Mbps HSPA: 21.6 Mbps(DL)/5.76 Mbps(UL) WCDMA: 384 kbps(DL)/384 kbps(UL)
MAX WIFI CLIENTS	128 maximum users (64 per band)
WIFI STANDARD	Wi-Fi 6 802.11 b/g/n/ac/ax 2.4 GHz and 5 GHz dual-band, (4*4 MIMO) OFDMA MU-MIMO
WIFI SECURITY	OPEN & WPA-PSK & WPA2-PSK & WPA-PSK/WPA2-PSK; WPA3
WIFI SPEED	802.11b Up to 11 Mbps 802.11g Up to 54 Mbps 802.11n Up to 300 Mbps 802.11ac Up to 867 Mbps 802.11ax AX3600(2400Mbps in 5GHz, 1200Mbps in 2.4GHz)

Hardware

USIM/SIM SLOT	Compatible with Nano SIM. Compatible with standard 6 PIN SIM card 3 V SIM card and 1.8 V SIM card
LAN/WAN	1 x 1Gb WAN/LAN auto adaptable 1 x 1Gb LAN
TEL	1 x RJ11 for voice calls
MMCX	1 x RX 1 x TX
BELLBOY	Power button, WPS button, Reset (PIN hole)
LED	Estado 5G, estado 4G, Wi-Fi, estado Ethernet, Power

Power Supply

POWER ADAPTER	12 V 2 A
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Environment

OPERATING TEMPERATURE	-20 a 65 °C
STORAGE TEMPERATURE	-40 a 80 °C
HUMIDITY	5% a 95%

Dimensions

