

# MII5261

## 5G Sub-6 Indoor CPE



### Key Features



MTK7981+ Unisoc 510 chip solution



5G NR and LTE dual mode



Support both SA and NSA



Support Europe/Asia 5G NR bands



Support Wi-Fi 6 (802.11ax) maximum  
3.0 Gbit/s throughput



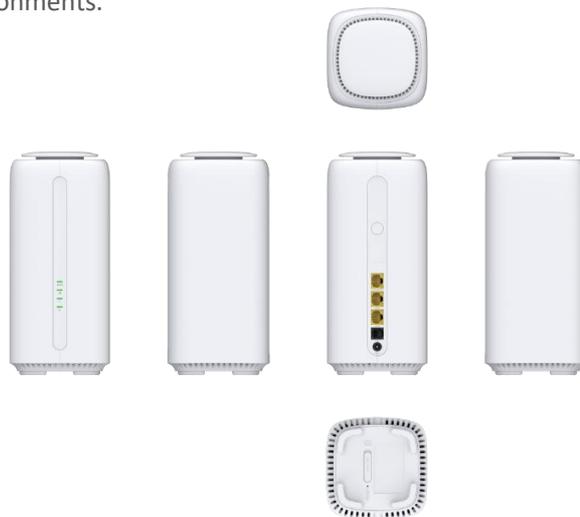
Reliable software features supporting  
router functions



Web , TR069, APN, and MQTT based device  
management

### Enjoy the Gigabit era with 5G technology

The MII5261 Indoor CPE is designed to empower global carriers and partners with a cutting-edge 5G experience. Leveraging high-speed 5G wireless broadband, it delivers data rates that surpass fiber internet while eliminating the constraints of cables and fiber deployment. Fully compatible with a wide range of 5G networks and spectrum bands, the MII5261 achieves real-world throughput up to ten times faster than 4G LTE, enabling a new generation of broadband experiences across home, office, and commercial environments.



Office



Business



Home

# Hardware Specifications

Technical standard	WAN	5G NR/LTE/WCDMA
	LAN	IEEE 802.3/802.3u/802.3ab
	WLAN	IEEE 802.11b/g/n/ac/ax(Wi-Fi 6)
Cellular Band	5G NR	NSA:n1/n3/n7/n28/n38/n40/n41/n77/n78 SA:n1/n3/n5/n7/n8/n20/n28/n38/n40/ n41/n66/ n77/n78
	LTE	FDD:B1/B2/B3/B4/B5/B7/B8/B20/B28/ B66 TDD:B38/B40/B41
	WCDMA	B1/B2/B5/B8
	WLAN	2.4GHz and 5GHz with 1024-QAM support
External port	1 x DC jack 3 x RJ45 Gigabit Ethernet port 1 x Voice POTS Port(Optional) 1 x SIM Slot (4FF NANO)	
Antenna	4 build-in NR/LTE antenna 2 build-in WiFi antenna	
LED Indicators	1 x Power indicator 1 x WLAN indicator 1 x Net indicator 1 x Tri-color signal strength indicator	
Button	1 x Reset Button 1 x Multi-Function Button	
Carrier Aggregation	DL: 4X4 MIMO, up to 3CA, 256QAM; UL: 2X2 MIMO, 2CA, 256QAM	
Maximum transmission power	5G NR Sub 6 bands	Class 3 -- 23 ± 2dBm
	n41/77/78 HPUE	Class 2 -- 26 +2/-3dBm
	4G LTE	Class 3 -- 23 ± 2dBm
	WCDMA	Class 3 -- 23 ± 2dBm
Cellular data throughput	5G SA	Downlink: 2.0Gbps; Uplink: 1.Gbps
	5G NSA/ENDC	Downlink: 2.6Gbps; Uplink: 650Mbps
	LTE	Downlink: 600Mbps; Uplink: 150Mbps
WiFi Max EIRP	2.4 GHz Band: 2402MHz~2482MHz max EIRP: 28.68dBm 5 GHz Band: 5170MHz~5330MHz max EIRP: 29.26dBm 5490MHz~5835MHz max EIRP: 28.78dBm	
Power supply	DC 12V/2A	
Power consumption	<24W	
Dimensions	105mm x 105mm x 216mm	
Weight	<500g	
Humidity	5% - 95% Non-condensing	
Temperature	Working temperature: -10°C to 45°C Storage temperature: -40°C to 70°C	

# Software Specifications

<b>Data Services</b>	Multi APN	
	IPV4/IPV6 dual stack compliance	
<b>LAN</b>	DHCPV4/DHCPV6 server/client	
	DNS relay	
	DMZ	
	UPNP	
<b>WLAN</b>	IEEE 802.11a/b/g/n/ac/ax	
	Maximum rate of up to 3.0 Gbps	
	MU-MIMO	
	Support 20 MHz, 40 MHz, 80 MHz, and 160 MHz modes	
	AP isolation	
	Service set identifier (SSID) hiding	
	Guest network	
<b>Management</b>	Version management	Image Checksum
		Active version and backup version
		Rollback mechanism when upgrade fail
	FOTA	
	TR069	Upload/Download the ACS specified file
		Download the configuration file
		Configure & Queries parameters
		Remote upgrade
		Remote debugging operations
		Cycle monitor
	WebGUI	Different level of user login priority and different limitation and display
		Encryption backup current settings and restore the backup settings
		Export of current diagnosis results and operation logs
		Statistics of WAN/LAN link status, transmit and receive traffic and up time
	Network Diagnostics	
	USIM PIN management and card authentication	
	CBSD(work only on CBRS band)	
Schedule reboot		
MQTT management		
APN management		
Operating frequency band selection		
<b>VPN</b>	PPTP (Client Mode only)	
	L2TP (Client Mode only)	

# Software Specifications

<b>Others</b>	SMS,VoIP
<b>Security</b>	Firewall
	Mac address filtering
	IP address filtering
	HTTPS Login from WAN
	DDOS attack protection
	Hierarchical user management

# Certification and Environment Compliance

<b>Certification Compliance</b> <i>(*Available on a customer demand basis)</i>	CE* RoHS* REACH* WEEE*
<b>Environment Compliance</b>	Cold: IEC 60068-2-1 Dry heat: IEC 60068-2-2 Damp heat cyclic: IEC 60068-2-30 Change of temperature: IEC 60068-2-14 Shock: IEC60068-2-27 Free Fall: IEC60068-2-32 Vibration: IEC60068-2-6