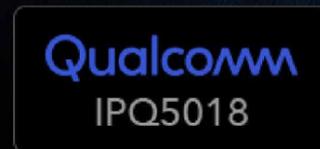


# 5G

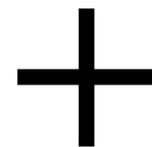
5G SA/NSA  
AX3000  
Wi-Fi 6 CPE  
Model: P5



# Qualcomm

## IPQ5018 SoC

1 GHz Dual-core ARM Cortex-A53 CPU  
High Capacity 802.11ax SoC

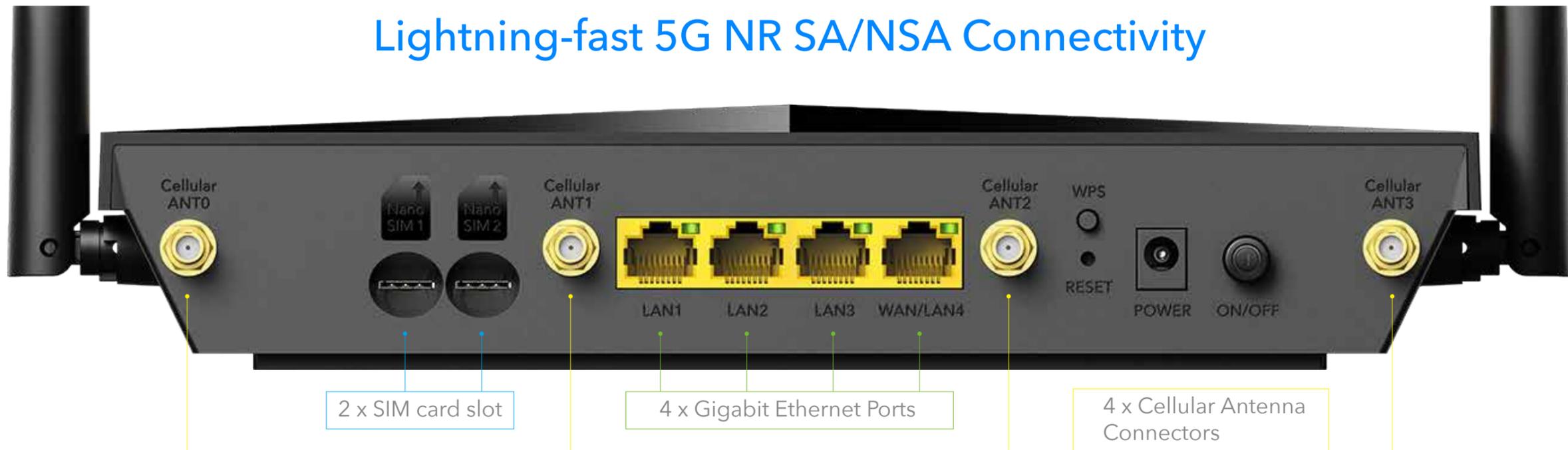


## Snapdragon X62 5G Modem

2nd generation 5G modem with integrated multi-mode support, designed to deliver breakthrough wireless performance and accelerate global 5G rollout.



## Lightning-fast 5G NR SA/NSA Connectivity



**5G SA/NSA**  
Sub-6GHz

WiFi 6  
**AX3000**

WAN Internet  
Cellular Backup

The diagram illustrates the cellular backup feature. It shows two Nano SIM cards (Nano SIM 1 and Nano SIM 2) connected to a WAN/LAN port. A SIM card is also shown next to it. Arrows indicate the flow of data and backup between the SIM cards and the WAN/LAN port.

**WHOLE HOME MESH**

The icon shows a house with a central node and three peripheral nodes connected by lines, representing a mesh network.

**VPN**  
Built-in VPN Server and Client

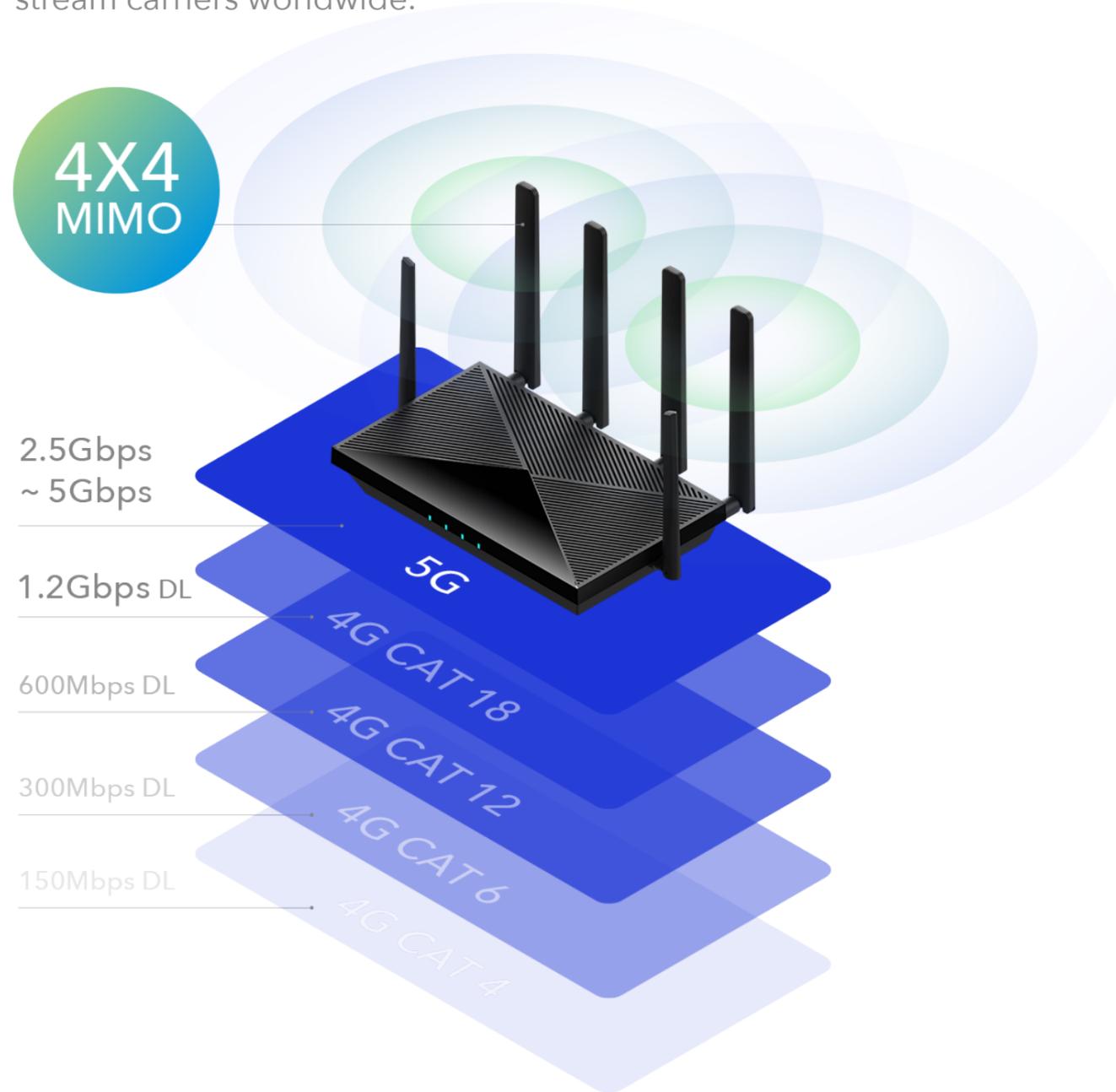
The icon shows blue light rays emanating from a central point, representing a VPN connection.

Future-Proof Remote Management with  
**TR069 / TR098**  
**TR111 / TR181**

The icon shows a server rack and a laptop connected by lines, representing remote management.

## Lightning-fast 5G Connectivity

The 5G Router employs 3GPP Rel. 16 technology, it supports both 5G NSA and SA modes, covers all the main stream carriers worldwide.



## Wi-Fi 6 - The most powerful Wi-Fi ever

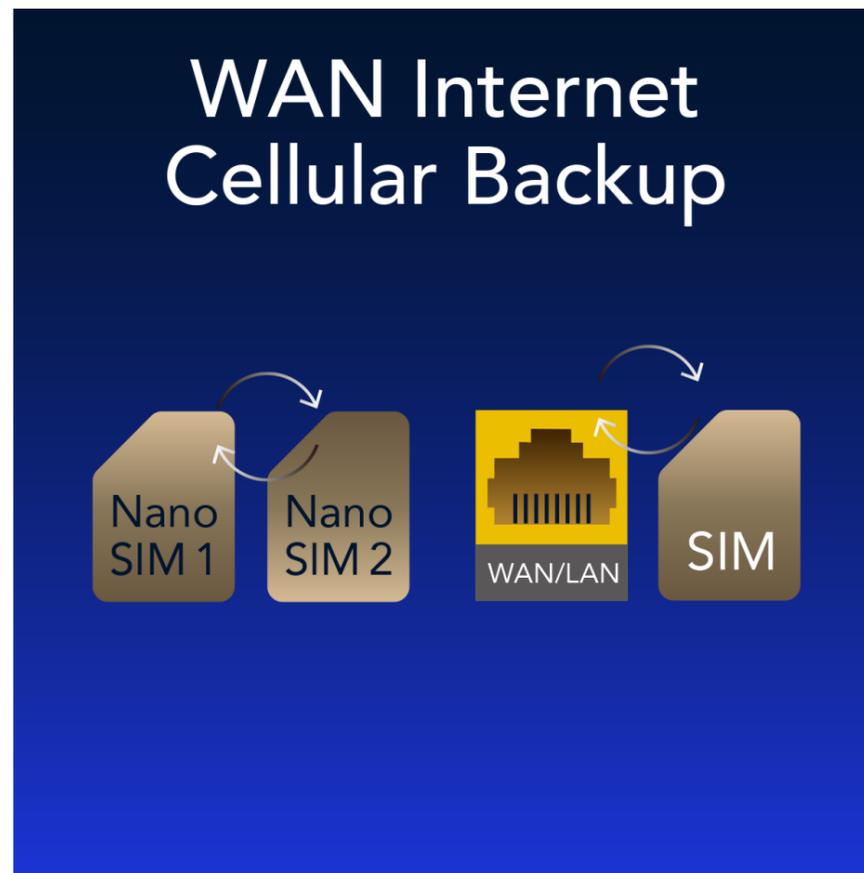




## Redundant SIM Slots

### Redundant SIM Slots

Dual SIM slots provide redundancy and keep the device always online. Both SIM slots can be filled, you can choose whether to use SIM card 1 or SIM card 2, or auto select.



## WAN Internet Cellular Backup

### WAN Internet, Cellular Backup

Set WAN/LAN port as WAN to enable it use the landline internet from WAN, and 4G/5G connection works as a backup to provide a sustained and reliable internet connection for you.



## External Antenna connector

### External SMA Antenna connector

Combined with 4 detachable SMA Antenna interface to connect outdoor cellular antennas for better and stable signal.

# Highlights

- 5G NR SA/NSA Wi-Fi Router
- AX3000 Dual-Band Wi-Fi 6
- Qualcomm Chipset
- Dual Nano SIM slots (Redundant SIM)
- 4× Gigabit Ethernet Ports (WAN Failover)
- 4× Detachable Cellular Antennas
- PPTP/L2TP/OpenVPN/WireGuard/IPSec/Zerotier VPN

# Hardware

CPU	Qualcomm IPQ5018 (Dual Core 1 GHz)
DRAM	512 MB DDR3L
Flash	128 MB Nand
Ethernet	1 GbE WAN/LAN + 3 GbE LAN
SIM Card Slots	2× Nano SIM Slots
Buttons	1× WPS Button 1× Reset Button
Antennas	2× Fixed WiFi Antennas 4× Detachable Cellular Antennas
LED	LED indicators (Power, WiFi, Internet, Signal)

# Cellular

Standards	5G SA/NSA Sub-6 GHz
Cellular Bands	See Available Versions Section

# Wireless

Wi-Fi Standards	Wi-Fi 6 (802.11ax/ac/n/g/b/a)
Wi-Fi Speed	Up to 2402 Mbps on 5 GHz Up to 574 Mbps on 2.4 GHz
Wi-Fi Encryption	WPA-PSK, WPA2-PSK, WPA3, WPA-PSK/WPA2-PSK WPA-PSK/WPA2-PSK, WPA2-PSK/WPA3
Wi-Fi Features	OFDMA, MU-MIMO, Beamforming

## Available Versions

P5 1.0	5G Rel. 16 Up to 3.4 Gbps / 900 Mbps (Download/Upload)
Qualcomm X62	5G Sub 6 GHz: n1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38/40/41/48/66/70/71/75/76/77/78/79;
Global US (256 MB RAM)	LTE-FDD: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/66/71; LTE-TDD: B34/38/39/40/41/42/43/48; LAA: B46; WCDMA: B1/2/4/5/8/19
P5 2.0	5G Rel. 16 Up to 3.4 Gbps / 900 Mbps (Download/Upload)
Qualcomm X62	5G Sub 6 GHz: n1/3/5/7/8/20/28/38/40/41/71/77/78/79
Europe (512 MB RAM)	LTE-FDD: B1/3/5/7/8/18/19/20/28/32 LTE-TDD: B34/38/39/40/41/42 WCDMA: B1/5/8

## Software

DHCP	Server, Client List, Address Reservation
NAT	Port Forwarding, Port Triggering, UPnP, DMZ
Firewall	Mac Filter, IP Filter, Domain Filter
DDNS	Compatible with 15 more DDNS providers
VPN Sever & Client	PPTP/L2TP/OpenVPN/WireGuard/IPSec/Zerotier
DNS over TLS	Cloudflare/Google/Quad9
Schedule	Schedule Reboot /Wi-Fi Schedule
Internet Protocol version	IPv4/IPv6
IPv6	Relay Dynamic(SLAAC/DHCPv6) Static (Fixed IP) Passthrough MAP-E (Dual-stack) DS-Lite (Dual-stack)
Quality of Service (QoS)	Support
IPTV / VLAN configuration	Support
TTL configuration	Support
Band Lock (Band Select)	Support
CWMP Protocol	TR069 / TR098 / TR111 / TR181

# Other

Physical	Product Dimension: 252.5×161×48.2 mm (W×D×H)
	Package Dimension: 408×238×58 mm (W×D×H)
Power	AC Power Adapter: Input: 90~260 V Output: 12 V, 2.5 A
	DC Input (12 V- 2.5 A) Barrel Plug
Environmental	Operation Temperature: 0° C to +45° C
	Storage Temperature: -40° C to +70° C
	Relative Humidity: 5% to 95% Non-Cond
SMS	Send, Receive, Data Usage Notification
Package Content	5G SA/NSA Wi-Fi Router
	Power Adapter
	RJ45 Ethernet Cable
	Quick Installation Guide
System Requirements	Windows, macOS, Android, iOS, or other OS with networking capability
	Firefox, Chrome, Safari, Edge, or other up-to-date web browsers
	Nano SIM card with active internet subscription with ISP or carriers