



GLOBAL TELECOM
WE ENGINEER CONNECTIVITY

TITAN 5000 5G DESKTOP ROUTER

Powerful, secure and cost-effective indoor fixed wireless device that delivers exceptional user experience



As the demand for reliable, high-speed internet connectivity continues to grow, the Global Telecom TITAN 5000 is here to set a new standard in 5G fixed wireless access (FWA) solutions. This advanced indoor device offers a powerful, flexible option for residential users, small businesses, and branch offices alike. With cutting-edge technology, simplified management, and cost-effective cloud features, the TITAN 5000 is built to optimize network performance and minimize customer churn.

UNLOCKING THE FUTURE OF CONNECTIVITY WITH THE TITAN5000

Intent-Based Network Optimization

Leverages intent-based technology to automatically connect users to the highest-performing and least congested network sectors. This ensures optimal FWA performance by dynamically adapting to network conditions, providing uninterrupted high-speed connectivity.

Dual Band Wi-Fi 6 for Enhanced Connectivity

Provides robust support for a high number of devices and greater bandwidth optimization. The dual-band capability enables seamless connectivity for work and entertainment across various environments, making it a standout for busy offices and homes with multiple users.

High-Gain Antennas and Dual SIM/eSIM Support

Delivers improved signal strength, making it a reliable choice in diverse locations. The dual SIM/eSIM support ensures seamless connectivity and failover between carriers, providing redundancy for uninterrupted service

Advanced Security and Enterprise-Grade Management

Security is a top priority, with the TITAN 5000 featuring a built-in firewall, VPN support, and secure remote management. The device also supports VoLTE and VoNR, ensuring high-quality voice services over 4G and 5G networks..

Key Features and Benefits

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| <ul style="list-style-type: none"> 4 WAN/LAN Gigabit Speed Ethernet ports with Fail-Over Ready Quick and Easy Install and Set Up | <ul style="list-style-type: none"> Qualcomm© SDX62 Chipset Remote Configuration and Management | <ul style="list-style-type: none"> Plug and Play with Existing Wi-Fi Networks API Support for Zero Touch Deployment |
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Technical Overview

Compliant with 3GPP Release 16 it includes advanced 4x4 MIMO with category 20 throughput, three gigabit ethernet LAN ports and one 2500M LAN/WAN port, VoLTE/VoNR Line, WiFi6 dual band support (802.11a/b/g/n/ac/ax), IP-passthrough for primary and backup networking capability, IPv4 & IPv6, and Multiple PDN support, VPN & full L2/L3 GRE tunneling client's support, as well as FTP, HTTP, HTTPS and TR-069 management support.

Technical Specifications

Physical	
Dimensions	7.60inches (H 193mm) x 7.20inches (W 183mm) x 2.17inches (D 55mm)
Weight	< 700g
Power consumptions	< 18W
Power Supply	12V/2.0A DC Adapter
Environmental	
Operating Temperature	-15°C to 55°C
Storage Temperature	-40°C to 85°C
Humidity	90% max Non-condensing
Wireless Radio Interface	
Radio Access	3GPP Release 16, 5G NSA/SA 5G NR Sub-6G, LTE-TDD/LTE-FDD/WCDMA
Operation Mode	5G 4x4 MIMO, LTE 4x4 MIMO 1700~3800MHz, LTE 2x2 MIMO 617~960MHz
Frequency Band	5G NSA n2/n5/n7/n12/n14/n25/n26/n30/n38/n41/n48/n66/n71/n77/n78/n79 5G SA n1/n2/n5/n7/n12/n13/n14/n25/n26/n29/n30/n38/n41/n48/n66/n71/n77/n78/n79 LTE-FDD B1/B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B29/B30/B66/B71 LTE-TDD B38/B41/B42/B43/B46*/B48 WCDMA B1/B2/B4/B5
Modulations	QPSK/QAM16/QAM64/QAM256
CA Support	4G: 5CC, 5G: 2CC and ENDC CA Support
Receive Sensitivity	Compliance with 3GPP standard
Output Power	23dBm±2dB Per Tx, Power Class2 DL and Power Class 1.5 UP/HPUE Support
Antenna Gain	2-6.5dBi Wide Band Antenna (617-6000MHz)
GNSS	GPS/GLONASS/Galileo/QZSS
Wi-Fi Interface	
Radio Access	IEEE802.11a/b/g/n/ac/ax
MIMO & Data Rate	2 x 2 DBDC (3.6Gbps, BW=160MHz)
Output Power	12-15 dBm
Antenna	3-5dBi Built-in wide band antenna (2.4GHz & 5GHz)
Connected Users	64
Security	64/128-bit WEP, WPA/WPA2/WPA3
User Interface	
Data Interface	3 GE RJ45 LAN Ports , 1 2500M LAN /WAN Port
LED Indicators	SYS, NET, RF1-4, 2.4GHz & 5GHz Wi-Fi, SDW, SIM
SIM Support	1.8V/3.0V Micro USIM 3FF, eSIM
Software Specifications	
Networking Configuration	Router and L3 Bridge Operation Support Built-in DHCP Server for LAN Devices IPv4 and IPv6 Support Multiple PDN Interface Support
Data Networking Features	VPN Pass-through support (PPTP, L2TP & IPsec), Built-in L2TP & GRE Tunneling Client Support DNS Proxy Support, Firewall & Access Control DMZ and Virtual Server Support IP and Port Forwarding Support Local and Remote Management Restriction Application Firewall Support NTP Service Support, LAN Device Access Control
Device Management	CLI, Telnet, HTTP and HTTPS Management Interfaces Standard Based TR-069 Management FTP and HTTP OTA Firmware Upgrade USIM/eSIM and PLMN Locking Support Device Factory Default Setting