

VOSIO™

**5G
Failover**

**5G Redundancy
uninterrupted
Internet Service**

**Wi-Fi 7
Tri-Bands
Model: VOSIO 7G**



Next-Generation Wi-Fi 7 Mesh with 5G : Blazing Speeds, Endless Possibilities

VOSIO 7G Integrated 5G connectivity into your Wi-Fi 7 network for always on 5G Internet access. The VOSIO 7G MESH Access Point/Router with the latest Wi-Fi 7 technology (Dual WAN) Tri-bands simultaneously connectivity as the redundancy between the main line Internet and 5G, it offers unparalleled performance and versatility for any business and home Internet application.

When you are having unexpected Internet shutdown from your main line Internet carrier, VOSIO 7G will automatically switch your Internet connectivity to 5G, you will not even aware of that your main line internet has been shutdown.

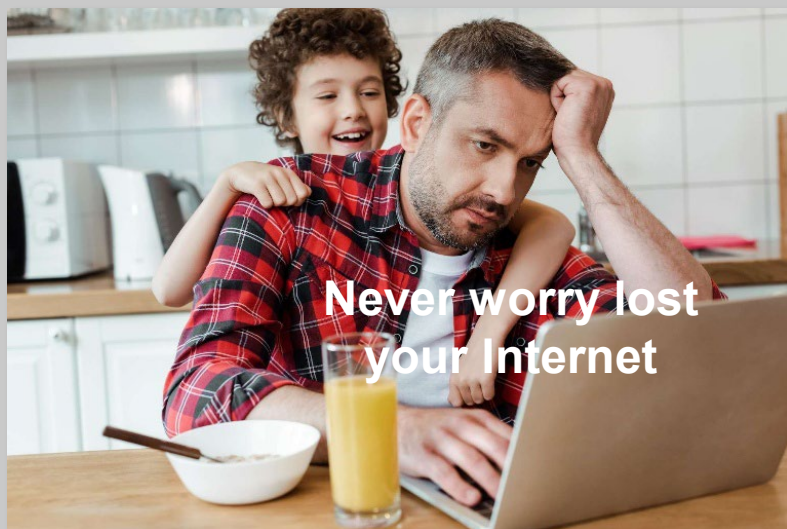
Wi-Fi Range: Up to 3000 Sq. Ft

Wireless Speed: Up to 11Gbps (802.11be, BE11000)

Connected devices: Up to 256 devices



- Qualcomm Quad ARM Cortex A53 at 1.5GHz
- Concurrent Tri-Radio 2.4GHz+5GHz+6GHz, Reach Wi-Fi Speeds up to 11,000 Mbps.
- MU-MIMO 2.4GHz:2x2, 5GHz : 2x2, 6GHz : 2x2 offers 8 Spatial Streams
- 2.5G-BASE-T WAN Port-without 802.3at PoE
- Business Grade WPA3 to Provide Robust Security for Network Sensitive Data
- 8 SSID per Radio for Management/ Employee/ Visitors/ IoT Device
- 6 Optimized High-Efficiency 5dbi Internal 2.4GHz/5GHz/6GHz Antennas
- One (1) 2.5 Gigabit WAN Port & Two (2) one Gigabit LAN Ports
- Indoor Coverage up to 3000 sq. ft.
- Max. Counts of Concurrent 256 Clients devices
- Table-Top Stand



**Never worry lost
your Internet**

Taking 5G Internet Further

Tri Cascade Inc.
Taking Internet of Things Further

VOSIO 7G to go.

With the 5G connectivity of VOSIO 7G, you can bring it with your vacation or use it in your car and many other use cases. When VOSIO 7G connected with Ethernet Internet, it will automatically switch to the main line (WAN) Internet. VOSIO 7G provides multiple 5G data plans for many of your use cases of 5G Internet.

5G performance:

NR SA: 2.5Gbps(DL) / 900Mbps(UL)

NR NSA: 3.5Gbps(DL) / 555Mbps(UL)

LTE: 1.6Gbps(DL) / 211Mbps(UL)



Basic System		
Processor	System	Qualcomm proprietary BSP
	SOC	Qualcomm IPQ5322 + SDX62 + QCN6274
Memory	LPDDR4X	1GB
	Flash	512MB
SIM	Nano SIM	Nano SIM (push-push)
Software Update	Firmware Upgrade	FOTA
Cellular Compliance : 5G NR & LTE dual connectivity		
5G NR Band	Global	SA: n1/3/5/7/8/20/28/38/40/41/75/76/77/78 NSA: n1/3/5/7/8/20/28/38/40/77/78
	US	SA: n2/5/12/14/25/30/41/48/66/70/71/77 NSA: n2/5/12/25/30/41/66/71/77
4G LTE Band	Global	FDD: B1/3/5/7/8/20/28/32 TDD: B38/40/41/42/43
	US	FDD: B2/4/5/12/13/29/30/66/71 TDD: 41/46/48
Wi-Fi 7		
Wireless LAN	IEEE standard	802.11 a/b/g/n/ac/ax/be
	Band	Tri-band (2.4GHz + 5GHz + 6GHz) simultaneously
	Max. connected	256 devices
Hardware		
Ethernet	WAN	1 x 2.5GbE
	LAN	2 x 1GbE
Antennas	Antennas	Internal
USB	Port	USB 2.0 Type-C
	Storage	FTP, Samba
Buttons	Power, Reset, WPS	Yes
LED	LED	Mask LED (Power) and front LED (LTE/5G/Wi-Fi/Internet)
Appearance	Tower	Yes
	Dimension	4.3" 4.3" 8.35"
	Weight	2.25 lbs
Temperature	Operating Temp.	32 F to 115 F
	Operating Humidity	20% ~80%
Power Adapter	DC	12V/4A, 48W
	AC	100V-240V, 50Hz/60Hz
Accessories	Accessories	12V/4A Adapter and ethernet cable