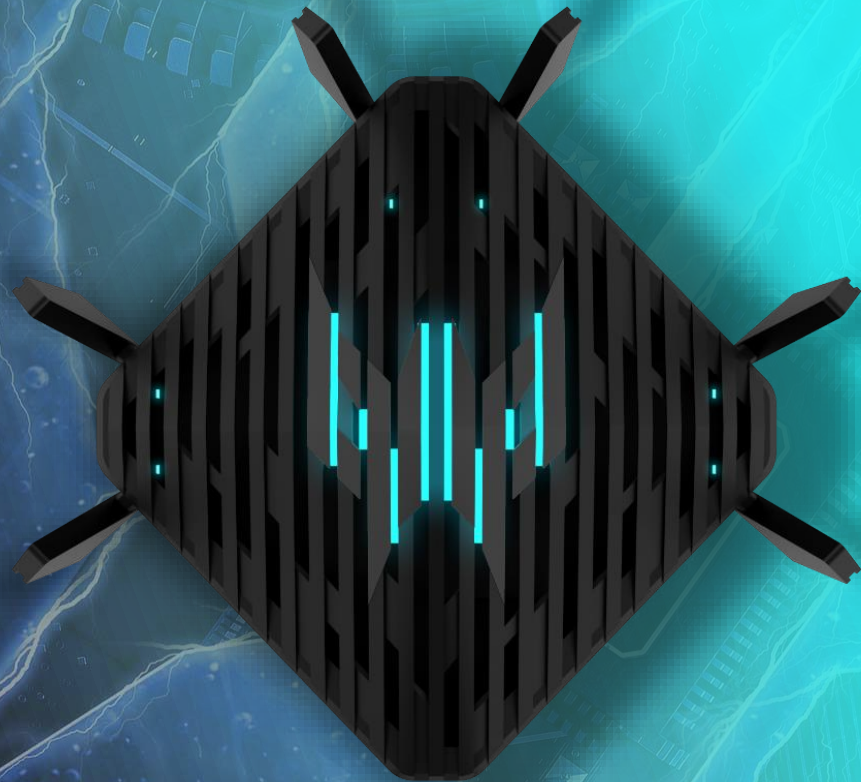




PREDATOR CONNECT W6 WI-FI 6E ROUTER

V1.0



6GHz vs 5GHz vs 2.4GHz Bandwidth

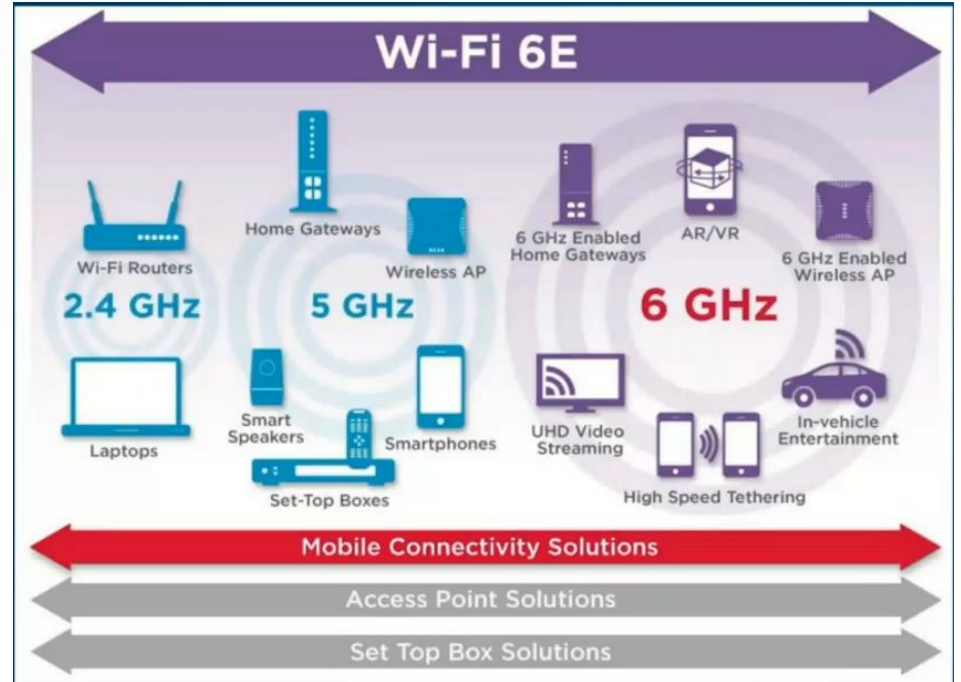
6 GHz Band – Total Spectrum 1200 MHz



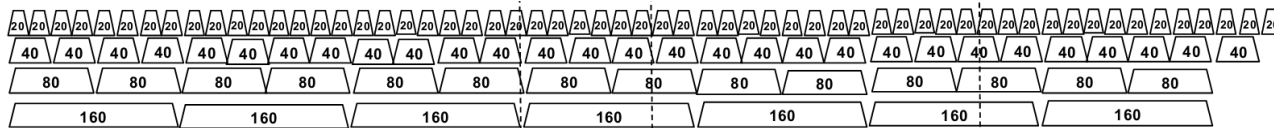
5 GHz Band – Total Spectrum 500 MHz (180 MHz without DFS)



2.4 GHz Band – Total Spectrum 80 MHz



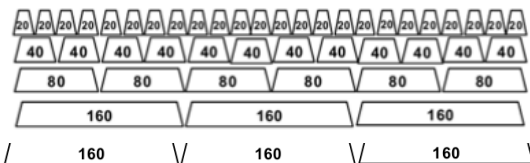
Wifi 6E Countries Adoption Status – July 2022



5925-7125 MHz
 59 x 20 MHz
 29 x 40 MHz
 14 x 80 MHz
 7 x 160 MHz

24 x 20 MHz
 12 x 40 MHz
 6 x 80 MHz
 3 x 160 MHz

5925-6425 MHz



Adopted

EMEA

European Union	5925-6425 MHz
United Kingdom	5925-6425 MHz
Norway	5925-6425 MHz
Morocco	5925-6425 MHz
United Arab Emirates	5925-6425 MHz
Saudi Arabia	5925-6425 MHz
Switzerland	5925-6425 MHz
Iceland	5925-6425 MHz
Qatar	5925-6425 MHz
Jordan	5925-6425 MHz
Kenya	5925-6425 MHz

PA

United States	5925-7125 MHz
Canada	5925-7125 MHz
Brazil	5925-7125 MHz
Chile	5925-7125 MHz
Peru	5925-7125 MHz
Costa Rica	5925-7125 MHz
Guatemala	5925-7125 MHz
Honduras	5925-7125 MHz

PAP

Australia	5925-6425 MHz
South Korea	5925-7125 MHz
Malaysia	5925-6425 MHz
Japan	5925-6425 MHz
Hong Kong	5925-6425 MHz

Considering

EMEA

Turkey	5925-6425 MHz
Oman	5925-6425 MHz
Tunisia	5925-6425 MHz
Egypt	5925-6425 MHz

PA

Mexico	5925-7125 MHz
Argentina	5925-6425 MHz
Colombia	5925-7125 MHz
Dominican Republic	5925-7125 MHz

PAP

New Zealand	5925-6425 MHz
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HIGHLIGHTS

intel
KILLER

TREND
MICRO



MT7986A [Panther + Merlin]
Quad Core 2.0GHz, 1GB DDR
4GB ROM



AX7800
MU-MIMO 2+4+2 Streams

6E

Tri-band 2.4GHz / 5GHz / 6GHz
802.11a/b/g/n/ac/ax

High Throughput Low Latency

USB3.0 Type A
FTP/ Samba



Ethernet
WAN 1 X 2.5Gbps
LAN 4 x 1Gbps [Game Port]



INTERNET CONNECTION INDICATOR

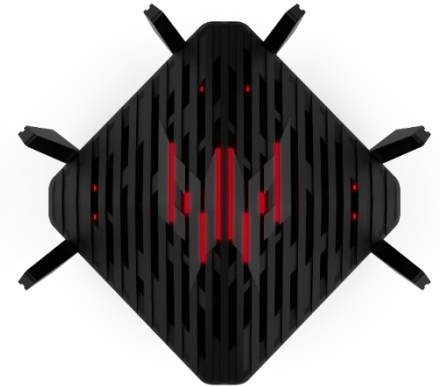
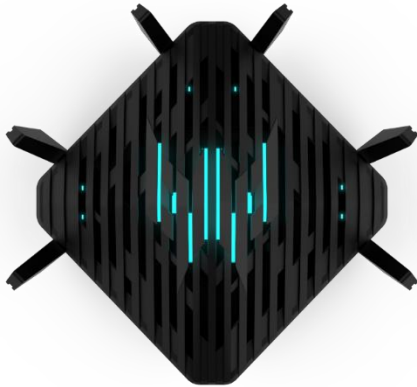


Blue : Good
Internet Connection

Green : Normal
Internet Connection

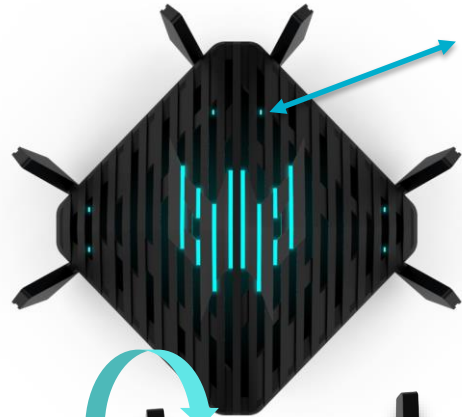
Orange : Poor
Internet Connection

Red : No
Internet Connection



IT LIES WITHIN

ANTENNA TUNNING FOR SPECIAL LOCATION



LED indicates signal strength
Blue : Good
Yellow : Medium
Red : Bad









Use a PC or smartphone to calibrate WiFi coverage!

Hybrid QoS - Application & Device Priority Settings

APPLICATION

DEVICE

Killer Prioritization Engine

Priority	Category
1	 GAMES
2	 REAL TIME
3	 STREAMING
4	 NORMAL
5	 WEB DOWNLOAD
6	 APP DOWNLOAD

Priority
Extreme

Killer Priority 1 & 2
Teams/Zoom Voice

Game Port Connected
Game Console : PS, Xbox, Switch

Priority
High

Killer Priority 3
Teams/Zoom Video

Streaming : Chromecast, FireTV, Roku
Smart TV

Priority
Normal

Killer Priority 4
Teams/Zoom Shared
Screen

PCs, Smartphones
Unknown devices

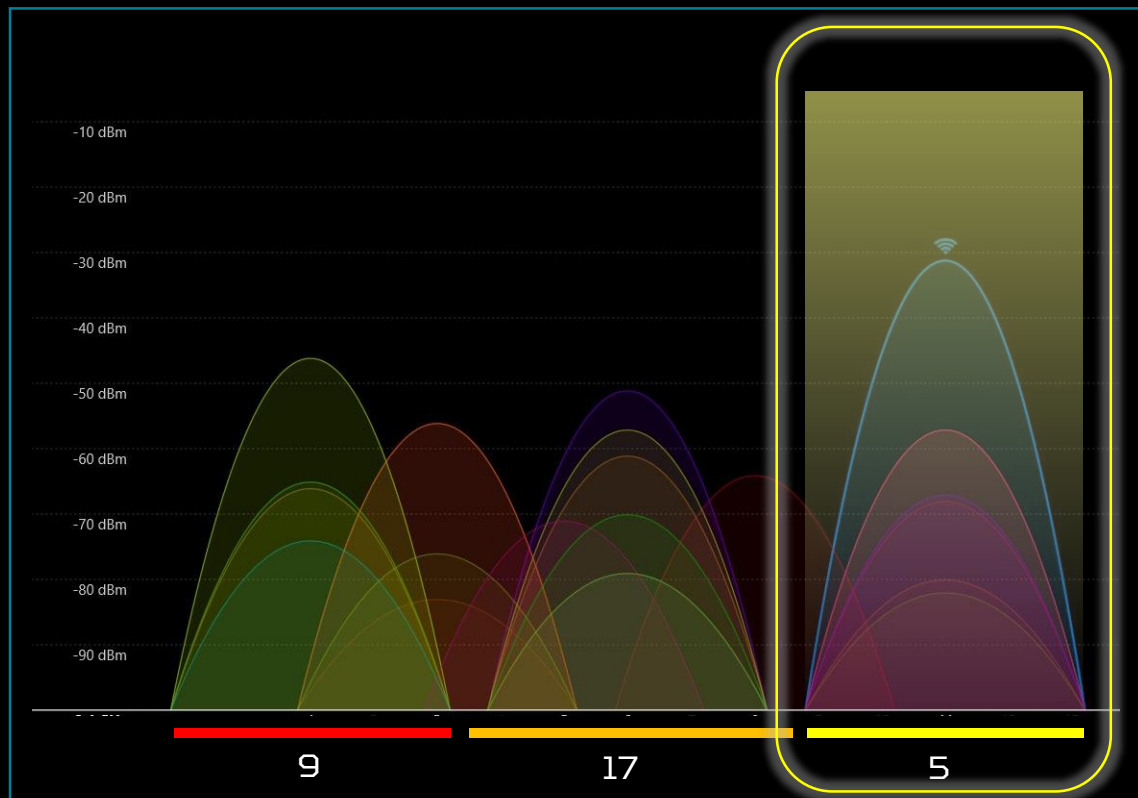
Priority
Low

Killer Priority 5 & 6

IoT devices, Wearable

Improve your connection with a single click – Automatic Channel Selection

Least Congested Channel



- Autoscan WiFi channels and select least congested
- User can select which band for ACS [Auto Channel Selection]
 - WiFi 2.4Ghz
 - WiFi 5Ghz
 - WiFi 6 Ghz
 - All bands



Predator Connect W6

- Dashboard
- Hybrid QoS
- Quick setup
- WAN
- WiFi
- LAN
- IPv6
- Home network security
- System
- APP download
- User manual

WAN

57,504 Kbps 29,984 Kbps

IP: 118.163.28.117

Host WiFi

2.4G	13	WG-preRTM3_...
5G	22	WG-preRTM3_...
5G	0	WG-preRTM3_...

Guest WiFi

2.4G	0	WG-Guest-2.4L...
5G	0	WG-Guest-5G_...
5G	0	WG-Guest-5G_...

System up time

15 days
18:57:36

Clients

0

Connection status: Good

35

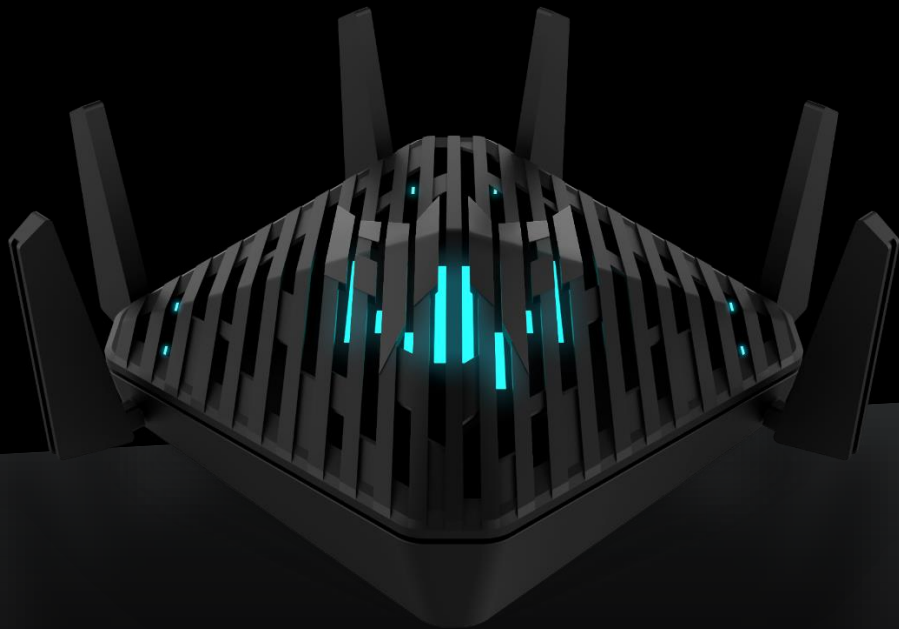
Network traffic

WAN



Time	WAN (Kbps)
09:00:15	0
09:00:19	0
09:00:23	0
09:00:27	0
09:00:31	0
09:00:35	0
09:00:39	0
09:00:43	0
09:00:45	7,000
09:00:48	1,000
09:00:52	500
09:00:56	200
09:01:00	100
09:01:04	50
09:01:08	20
09:01:12	10
09:01:15	5

HW SPEC



Processor	System	MT7986A (Panther + Merlin)
	CPU	Quad A53 2.0GHz
Memory	LPDDR	1GB
	Storage	4GB
Wireless LAN	IEEE Standard	802.11a/b/g/n/ac/ax
	MU-MIMO	2+4+2 streams
	Band	Tri band, 2.4GHz/5GHz/6GHz
	Throughput	AX7800
Ethernet	WAN	1 x 2.5Gbps
	LAN	4 x 1Gbps with 1 game port
USB	Port	USB 3.0 Type-A
	Storage	FTP, Samba
Button	Power	Power-on /Power-off
	WPS	
Form Factor	Dimension	
	Weight	
Thermal	Fan less	Yes
	Thermal Design	Heat Pipe (or other thermal conductive material) for CPU/Memory/Storage
	Thermal Surface	< 60 °C @ room temperature(25) with 168 hours working
DC Power Jack	Input Voltage	AC 100~240V, 50~60Hz, 1.6A
	Power Adapter	12V/3A 36W

A man with a glowing bat symbol on his back, standing in a dark city street at night. The scene is illuminated by blue and purple lights, with a green light source visible on the left. The man is wearing a plaid shirt. The background shows buildings and a street with a few people in the distance.

THE BEST IS YET TO COME