

RexFlux 7 Lite Point-to-Point Backhaul & Point-to-Multipoint Client Radio

Quick Look



4.5Gb+ Capacity utilizing
320Mhz channel bandwidth
PTP & Ptmp fixed wireless
5.925-7.125GHz



WIFI 7

Up to 4096QAM

With increasing demand for higher capacity and limited spectrum availability, service providers require efficient solutions. The RexFlux 7 Lite delivers exceptional performance and low latency, supporting both Point-to-Multipoint (PtMP) and Point-to-Point (PtP) deployments. To enhance range and signal quality, the RexFlux 7 Lite features a 19 dBi integrated dish, ensuring reliable connectivity in challenging environments.

Features

- High throughput & low latency.
- Interference-resistant.
- State-of-the-Art Technology using WIFI 6e.
- Budget-friendly.
- 1 Year warrenty.
- Includes a pole mount &Power over Ethernet (PoE) injector.

Technical Specifications

Radio

Wireless Standards	WIFI 7
Throughput	4.5Gbps net aggregated
Operating Frequency	5.925-7.125GHz
Channel Width	20 / 40 / 80 / 160 / 320MHz
Working mode	AP WDS、Client WDS
Wi-Fi Standards	802.11be
Modulation	4096QAM
Proprietary Physical Layer	4x4 MU-MIMO; OFDMA
Transmit Power Range	+3 to +29dBm (combined, to regional EIRP limit) (1 dB interval)
CPU	IPQ5322 Qualcomm Quad A53 @ 1.5GHz
Nominal Receive Sensitivity(w/FEC)@20MHz Channel	MCS 0 = -96dBm to MCS 11 / (4096 QAM-5/6) = -64dBm (per chain)
Nominal Receive Sensitivity(w/FEC)@40MHz Channel	MCS 0 = -93dBm to MCS 11 / (4096 QAM-5/6) = -61dBm (per chain)
Nominal Receive Sensitivity(w/FEC)@80MHz Channel	MCS 0 = -90dBm to MCS 11 / (4096 QAM-5/6) = -58dBm (per chain)
Nominal Receive Sensitivity(w/FEC)@160MHz Channel	MCS 0 = -87dBm to MCS 11 / (4096 QAM-5/6) = -55dBm (per chain)
Nominal Receive Sensitivity(w/FEC)@320MHz Channel	MCS 0 = -84dBm to MCS 11 / (4096 QAM-5/6) = -54dBm (per chain)

Radio 1pcs

NetWorking

Networking interface	Gigabit Ethernet: 10/100/1000/2500 BASE-T / SFP+: 10 Gbps Fiber
Network Mode	Bridge/Router
Firewall	Port Forwarding ,DMZ,ACL Filtering
Wireless Security	WPA3-PSK, WPA3 & WPA2-PSK, WPA2-PSK, WPA2-Radius
VLAN	802.1Q with 802.1p priority
DHCP	DHCP Server、DHCP Client
Network Management	HTTP/HTTPS, SNMPv1/2, SNMPv3, TR069,SSH
QoS (Quality of Service)	4 classes of QoS, with user configurable priority queuing,
ARQ	yes
Encryption	AES128



Power

Power Supply / Power Consumption	PoE 22-56V / <15W
Surge suppression	8KV
LEDs	1*Power, 1*SYS, 1*LAN, 3*Wi-Fi

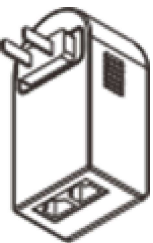
Bracket 1pcs

Environmental

Enclosure protection	IP67
Temperature	-40°C to 55°C
Size / Weight	30.7 x 12.7 x 6.5CM / 0.8kg

Integrated Antenna

Antenna Gain	4*21dBi
Antenna Beam width	V-pol E 65° / V-pol H 60° / H-pol E 70° / H-pol H 60°
4.9 GHz 5.5 GHz 5.9 GHz 6.5 GHz 7.125 GHz V-pol E V-pol H H-pol E H-pol H	



Gigabit PoE Adapter 1pcs