

RexFlux 7c Pro Point-to-Point Backhaul & Point-to-Multipoint Client Radio



Quick Look

2Gb+ Capacity utilizing

160Mhz channel bandwidth

PTP & Ptmp fixed wireless

6.115-7.115GHz

WIFI 6e

Up to 4096QAM

2 x N-F Connectors



With increasing demand for higher capacity and limited spectrum availability, service providers require efficient solutions. The RexFlux 7c Pro delivers exceptional performance and low latency, supporting both Point-to-Multipoint (PtMP) and Point-to-Point (PtP) deployments with 2 N type connectios for long distances, ensuring reliable connectivity in challenging environments.

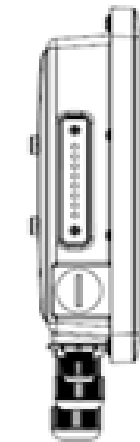
Features

- 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.

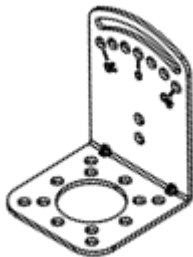
Technical Specifications

Radio

Wireless Standards	WIFI 6e
Throughput	2Gbps net aggregated
Operating Frequency	6.115-7.115GHz
Channel Width	20 / 40 / 80 / 160MHz
Working mode	AP Mode/repeater mode/WISP mode/gateway mode
Wi-Fi Standards	802.11ax
Modulation Levels (Adaptive)	MCS 0 (BPSK) to MCS 11(4096 QAM-5/6)
Proprietary Physical Layer	2x2MU-MIMO/OFDMA based on 802.11ax underlying technology
Transmit Power Range	+3 to +26dBm (combined to regional EIRP limit)(4.8/9.6/14.4/19.2/24)
CPU	IPQ5018 +QCN6122+QCA8337
Nominal Receive Sensitivity(w/FEC)@20MHz Cha	MCS 0 = -92dBm to MCS 11 / (4096 QAM-5/6) = -64dBm (per chain)
Nominal Receive Sensitivity(w/FEC)@40MHz Cha	MCS 0 = -90dBm to MCS 11 / (4096 QAM-5/6) = -62dBm (per chain)
Nominal Receive Sensitivity(w/FEC)@80MHz Cha	MCS 0 = -88dBm to MCS 11 / (4096 QAM-5/6) = -60dBm (per chain)
Nominal Receive Sensitivity(w/FEC)@160MHz Cha	MCS 0 = -86dBm to MCS 11 / (4096 QAM-5/6) = -56dBm (per chain)



Radio 1pcs



Bracket 1pcs

NetWorking

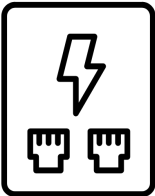
Networking interface	1*Gigabit Eth port + 1*gigabit SFP port
Network Mode	Bridge/Router
Firewall	Port Forwarding ,DMZ,ACL Filtering
Wireless Security	WPA3-SAE , EAP
VLAN	802.1Q
DHCP	WISP & Gateway Modes:DHCP Server 、 Bridge Mode:DHCP Client
Network Management	HTTP, SNMPv1/2, SNMPv3
QoS (Quality of Service)	Gateway Mode Only
Encryption	AES128



Power

Power Supply / Power Consumption	PoE 48V / <24W
Surge suppression	Common Mode: 4K, Differential Mode: 2K
LEDs	1xPower , 1xSFP , 1xWAN , 1xLAN , 4xWi-Fi

U-groove 1pcs



Gigabit PoE Adapter 1pcs

Environmental

Enclosure protection	IP67
Temperature	-40°C to 70°C
Size / Weight	21.8 x 24.3 x 6.4CM / 1.72kg