

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

20 dBi integrated antenna



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. To enhance range and signal quality, the RexFlux 7c Pro features a 20 dBi integrated antenna, ensuring reliable connectivity in challenging environments.

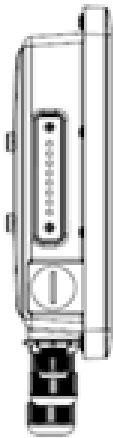
Features

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

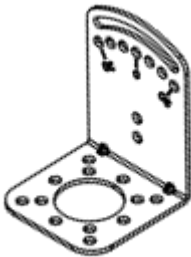
Technical Specifications

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	802.11axe
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)



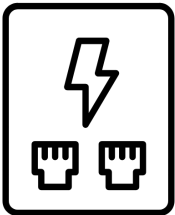
Radio 1pcs



Bracket 1pcs



U-groove 1pcs



Gigabit PoE Adapter 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

Environmental

Enclosure protection	IP67
Temperature	-40°C to 70°C
Size / Weight	21.8 x 24.3 x 6.4CM / 1.56kg

Integrated Antenna

Antenna Gain	19dBi Dual Linear
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