

Specifications

R5AC-Lite					
Dimensions	162 x 84 x 37 mm (6.38 x 3.31 x 1.46")				
Weight	250 g (8.81 oz)				
Power Supply	24V, 0.5A Gigabit PoE Adapter				
Power Method	Passive PoE (Pairs 4, 5+; 7, 8 Return)				
Max. Power Consumption	8.5W				
Operating Frequency	Worldwide	USA: U-NII-1	USA: U-NII-2A	USA: U-NII-2C	USA: U-NII-3
	5150 - 5875 MHz	5150 - 5250 MHz*	5250 - 5350 MHz*	5470 - 5725 MHz*	5725 - 5850 MHz*
Processor	Atheros MIPS 74Kc, 720 MHz				
Memory	128 MB DDR2 SDRAM, 16 MB NOR FLASH				
Networking Interface	(1) 10/100/1000 Mbps				
RF Connections	(2) RP-SMA (Waterproof)				
LEDs	Power, LAN, (4) Signal Strength				
Channel Sizes	PtP Mode			PtMP Mode	
	10/20/30/40/50/60/80 MHz			10/20/30/40 MHz	
Enclosure Characteristics	Outdoor UV Stabilized Plastic				
Supported Voltage Range	20-26VDC				
ESD/EMP Protection	± 24KV Air / Contact				
Operating Temperature	-40 to 80° C (-40 to 176° F)				
Operating Humidity	5 to 95% Noncondensing				
Shock and Vibration	ETSI300-019-1.4				
Wireless Approvals	FCC, IC, CE				
RoHS Compliance	Yes				
Modes	Access Point, Station				
Services	Web Server, SNMP, SSH Server, Telnet , Ping Watchdog, DHCP, NAT, Bridging, Routing				
Utilities	Antenna Alignment Tool, Discovery Utility, Site Survey, Ping, Traceroute, Speed Test				
Distance Adjustment	Dynamic Ack and Ackless Mode				
Power Adjustment	Software Adjustable UI or CL				
Security	WPA2 AES Only				
QoS	Supports Packet Level Classification WMM and User Customer Level: High/Medium/Low				
Statistical Reporting	Up Time, Packet Errors, Data Rates, Wireless Distance, Ethernet Link Rate				
Other	Remote Reset Support, Software Enabled/Disabled, VLAN Support, 256QAM				
Ubiquiti Specific Features	30/50/60 MHz Channels, airMAX ac Mode, Traffic Shaping with Burst Support, Discovery Protocol, Frequency Band Offset, Ackless Mode				

R5AC-Lite Output Power: 27 dBm							
TX Power Specifications				RX Power Specifications			
Modulation	Data Rate	Avg. TX	Tolerance	Modulation	Data Rate	Sensitivity	Tolerance
airMAX ac	1x BPSK (1/2)	27 dBm	± 2 dB	airMAX ac	1x BPSK (1/2)	-96 dBm	± 2 dB
	2x QPSK (1/2)	27 dBm	± 2 dB		2x QPSK (1/2)	-95 dBm	± 2 dB
	2x QPSK (3/4)	27 dBm	± 2 dB		2x QPSK (3/4)	-92 dBm	± 2 dB
	4x 16QAM (1/2)	27 dBm	± 2 dB		4x 16QAM (1/2)	-90 dBm	± 2 dB
	4x 16QAM (3/4)	27 dBm	± 2 dB		4x 16QAM (3/4)	-86 dBm	± 2 dB
	6x 64QAM (2/3)	27 dBm	± 2 dB		6x 64QAM (2/3)	-83 dBm	± 2 dB
	6x 64QAM (3/4)	26 dBm	± 2 dB		6x 64QAM (3/4)	-77 dBm	± 2 dB
	6x 64QAM (5/6)	25 dBm	± 2 dB		6x 64QAM (5/6)	-74 dBm	± 2 dB
	8x 256QAM (3/4)	23 dBm	± 2 dB		8x 256QAM (3/4)	-69 dBm	± 2 dB
	8x 256QAM (5/6)	22 dBm	± 2 dB		8x 256QAM (5/6)	-65 dBm	± 2 dB

* Some frequencies may require activation; visit: <https://www.ubnt.com/fcclabelrequest>

Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at: www.ubnt.com/support/warranty
 ©2014-2017 Ubiquiti Networks, Inc. All rights reserved. Ubiquiti, Ubiquiti Networks, the Ubiquiti U logo, the Ubiquiti beam logo, airMAX, airOS, airView, Rocket, and RocketDish are trademarks or registered trademarks of Ubiquiti Networks, Inc. in the United States and in other countries. All other trademarks are the property of their respective owners.

