DATASHEET





Powerful airMAX® ac BaseStation

Model: R5AC-Lite, R5AC-PTP, R5AC-PTMP

airMAX ac Technology for up to 500+ Mbps Throughput

Superior Processing by airMAX Engine with Custom IC

Plug and Play Integration with airMAX ac Antennas



Overview

Ubiquiti Networks has designed the first airMAX[®] ac radios with high performance and ease of installation in mind. You have the freedom to deploy the Rocket[™] ac anywhere in the world, and it allows for a high degree of flexibility in configuring channel bandwidths (subject to local country regulations).

The Rocket ac is available as three models: the Rocket5ac Lite, Rocket5ac PtP, and Rocket5ac PtMP. All three include airMAX ac technology. The Rocket5ac PtP and Rocket5ac PtMP also feature airPrism[™] technology to further enhance performance.

Pair the Rocket ac with airMAX ac antennas for optimal performance:

- PtP backhaul Rocket5ac Lite or Rocket5ac PtP with the RocketDish[™] ac
- PtMP links Rocket5ac PtMP or Rocket5ac Lite* with the airMAX ac Sector
- * PtMP functionality is available with a firmware upgrade to airOS v7.1 or higher.

Software air0S°7

Sporting an all-new design for improved usability, airOS® v7 is the revolutionary operating system for Ubiquiti® airMAX ac products.

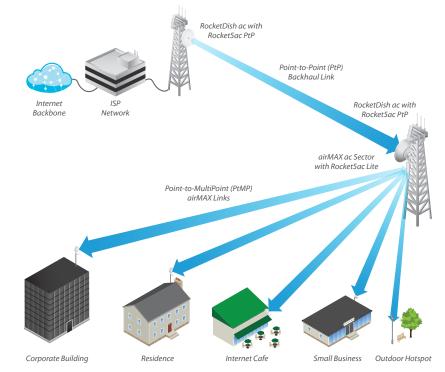
Powerful Wireless Features

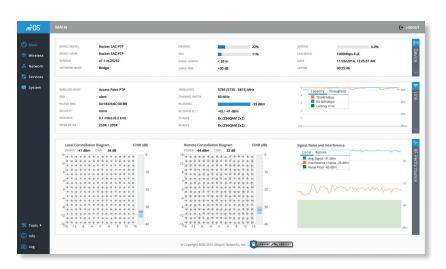
- airMAX ac Protocol Support
- Long-Range PtP Link Mode
- Selectable Channel Width
 - PtP: 10/20/30/40/50/60/80 MHz
 PtMP: 10/20/30/40 MHz
- Automatic Channel Selection
- TX Power Control: Auto/Manual
- Automatic Distance Selection (ACK Timing)
- Strongest WPA2 Security

Usability Enhancements

- Dynamic Configuration Changes
- Instant Input Validation
- HTML5 Technology
- Optimization for Mobile Devices
- Detailed Device Statistics
- Diagnostic Tools, including Ethernet Cabling Test, RF Diagnostics, and airView[®] Spectrum Analyzer







ac

Advanced RF Analytics

airMAX ac devices feature a multi-radio architecture to power a revolutionary RF analytics engine.

An independent processor on the PCBA powers a second, dedicated radio, which persistently analyzes the full 5 GHz spectrum and every received symbol to provide you with the most advanced RF analytics in the industry.

Data from the spectrum analysis and RF performance monitoring is displayed on the *Main* tab and airView Spectrum Analyzer.

Real-Time Reporting

The *Main* tab displays the following RF information:

- Persistent RF Error Vector Magnitude (EVM) constellation diagrams
- Carrier to Interference-plus-Noise Ratio (CINR) histograms
- Signal-to-Noise Ratio (SNR) time series plots

Spectral Analysis

airView allows you to identify noise signatures and plan your networks to minimize noise interference. airView performs the following functions:

- Constantly monitors environmental noise
- Collects energy data points in real-time spectral views
- Helps optimize channel selection, network design, and wireless performance

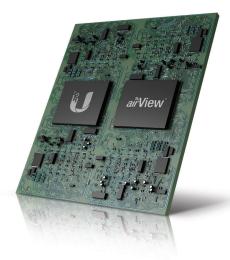
airView runs in the background without disabling the wireless link, so there is no disruption to the network.

In airView, there are three spectral views, each of which represents different data.

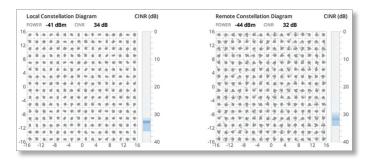
- Waterfall Aggregate energy collected for each frequency
- Waveform Aggregate energy collected
- Ambient Noise Level Background noise energy shown as a function of frequency

Available with a firmware upgrade to airOS v7.1, airView provides powerful spectrum analyzer functionality, eliminating the need to rent or purchase additional equipment for conducting site surveys.

Multi-Radio Architecture



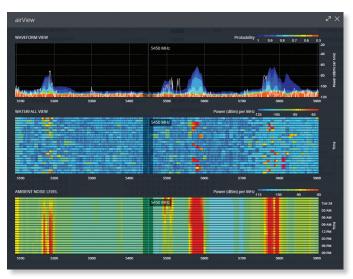
Constellation Diagrams and CINR Histograms



SNR Time Series Plots



Dedicated Spectral Analysis



Technology airMAX®

Unlike standard Wi-Fi protocol, Ubiquiti's Time Division Multiple Access (TDMA) airMAX ac protocol allows each client to send and receive data using pre-designated time slots scheduled by an intelligent AP controller.

This time slot method eliminates hidden node collisions and maximizes airtime efficiency, so airMAX ac technology provides performance improvements in latency, noise immunity, scalability, and throughput compared to other outdoor systems in its class.

Intelligent Qos Priority assigned to voice/video for seamless streaming.

Scalability High capacity and scalability.

Long Distance Capable of high-speed, carrier-class links.

Superior Performance

The next-generation airMAX ac technology boosts the advantages of our proprietary TDMA protocol.

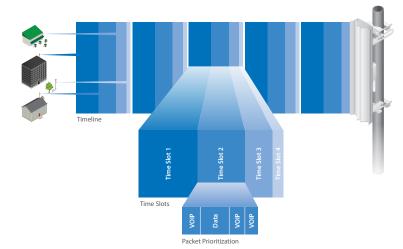
Ubiquiti's airMAX engine with custom IC dramatically improves TDMA latency and network scalability. The custom silicon provides hardware acceleration capabilities to the airMAX scheduler, to support the high data rates and dense modulation used in airMAX ac technology.

Throughput Breakthrough

airMAX ac supports high data rates, which require dense modulation: 256QAM – a significant increase from 64QAM, which is used in airMAX.

With their use of proprietary airMAX ac technology, airMAX ac products supports up to 500+ Mbps* (maximum 80 MHz channel width) real TCP/IP throughput – up to triple the throughput of standard airMAX products.

airMAX ac TDMA Technology

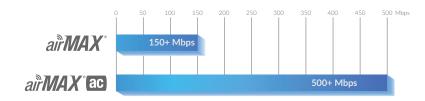


Up to 100 airMAX ac stations can be connected to an airMAX ac Sector; four airMAX ac stations are shown to illustrate the general concept.

airMAX ac Network Scalability



Superior Throughput Performance







To enhance airMAX ac performance, Ubiquiti Networks introduces our patented airPrism[™] technology, which is featured on the Rocket ac models, R5AC-PTP and R5AC-PTMP.

Improves SNR

High data rates require a high Signal-to-Noise Ratio (SNR), which is challenging to achieve, especially in noisy, high-density areas.

Integrated into Ubiquiti's custom silicon, airPrism technology creates a high SNR by isolating signals within the operating channel and rejecting interference using specialized circuitry, the High-Selectivity Receiver (HSR).

Removes Interference

Depending on the product model and operating mode, available channel widths may include 10, 20, 30, 40, 50, 60, and/or 80 MHz.

Theoretically APs operate on different channels; however, because of the wider channel bandwidths, there can be overlap in spectrum usage.

airPrism technology removes up to an additional 30+ dB of adjacent channel interference through the active filtering design, so an airMAX ac AP with airPrism technology can provide significantly greater performance than a typical AP.

Active Radio Frequency Filtering

Facilitates AP Co-Location

Co-location is vital in many scenarios. For example, a WISP may have limited tower space, so it must co-locate all APs within that allotted footprint. Shielding and other means can lessen interference but may be impractical.

By deploying airMAX ac APs with airPrism technology, you can co-locate APs and enhance the overall performance of your wireless network.

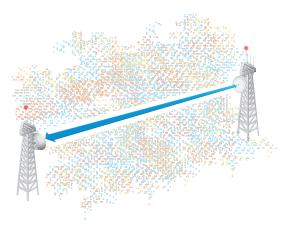
| Number of APs | Channel Width |
|---------------|---------------|
| 4 | 80 MHz* |
| 8 | 40 MHz |
| 16 | 20 MHz |

Supported by R5AC-PTP only.

5 GHz Environment 5 GHz with airPrism

What the Radio Sees

Improved Latency and Noise Immunity



Models

Features

5 GHz Frequency Band This unlicensed band of plentiful spectrum works well for long-distance links.

Gigabit Ethernet Deliver high throughput over its wired connection.

Rocket5ac Lite

Launched with PtP functionality, the Rocket5ac Lite adds PtMP functionality with a firmware upgrade to airOS v7.1 or higher.

The Rocket5ac Lite is a cost-effective basestation for links experiencing low or moderate levels of interference.

Passive Power over Ethernet (PoE)

24V Passive PoE functionality is included. Both power and data are carried over a single Ethernet cable to the Rocket ac. Use the included PoE Adapter or an optional PoE switch.

Rocket5ac PtP

Featuring Ubiquiti's airPrism technology, the Rocket5ac PtP is designed for optimal PtP performance, although it can operate in PtMP mode. To take full advantage of its design and capabilities, deploy the Rocket5ac PtP for PtP links in noisy, high-density areas. **Plug and Play Integration** Every airMAX antenna has a built-in Rocket mount, so no tools are needed to install the Rocket ac. (airMAX ac antennas are recommended for optimal performance.)

Rocket5ac PtMP

Also featuring Ubiquiti's airPrism technology, the Rocket5ac PtMP is designed for optimal PtMP performance, although it can operate in PtP mode. To take full advantage of its capabilities, deploy the Rocket5ac PtMP for PtMP links to airMAX ac CPEs located in crowded RF environments.

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| | rendear 2 | - T | e e e e e e e e e e e e e e e e e e e |
| | Rocket5ac Lite | Rocket5ac PtP | Rocket5ac PtMP |
| Model Number | R5AC-Lite | R5AC-PTP | R5AC-PTMP |
| Frequency | Full-Band 5 GHz | Mid-Band 5 GHz | Mid-Band 5 GHz |
| airMAX ac Technology | \checkmark | \checkmark | V |
| airPrism Technology | | \checkmark | V |
| PtP Functionality | \checkmark | \checkmark | $\sqrt{1}$ |
| PtMP Functionality | $\sqrt{2}$ | $\sqrt{1}$ | \checkmark |
| Gigabit Ethernet | \checkmark | \checkmark | \checkmark |
| Ubiquiti PoE | \checkmark | \checkmark | \checkmark |
| Output Power | 27 dBm | 27 dBm | 27 dBm |

Model Comparison Chart

¹ Requires firmware airOS v7.1.1 or higher.

² Requires firmware airOS v7.1 or higher.

Specifications

| | R5AC-Lite Physical / Electrical / Environmental Information |
|---------------------------|---|
| Dimensions | 162 x 84 x 37 mm (6.38 x 3.31 x 1.46") |
| Weight | 250 g (8.81 oz) |
| Enclosure Characteristics | Outdoor UV Stabilized Plastic |
| 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 |
| Max. Power Consumption | 8.5W |
| Power Supply | 24V, 0.5A Gigabit PoE Adapter |
| Power Method | Passive PoE (Pairs 4, 5+; 7, 8 Return) |
| 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 |

| R5AC-Lite Software Information | | | | |
|--|---|--|--|--|
| 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 CLI | | | |
| 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 | | | |
| Channel Sizes PtP Mode PtMP Mode | 10/20/30/40/50/60/80 MHz 10/20/30/40 MHz | | | |
| 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 Compliance |
|--------------------|----------------------|
| Wireless Approvals | FCC, IC, CE |
| RoHS Compliance | Yes |

| R5AC-Lite Operating Frequency | | | |
|-------------------------------|----------------------------|--|--|
| Operating Frequency | Worldwide: 5150 - 5875 MHz | | |
| Operating rieduency | USA: 5725 - 5850 MHz | | |
| Output Power | 27 dBm | | |

| TX Power Specifications | | | RX Power Specifications | | | | |
|-------------------------|----------------|---------|-------------------------|------------|---------------|-------------|--------------------|
| Modulation | Data Rate | Avg. TX | Tolerance | Modulation | Data Rate | Sensitivity | Tolerance |
| | 1x BPSK (1/2) | 27 dBm | ± 2 dB | | 1x BPSK (1/2) | -96 dBm | $\pm 2 \text{ dB}$ |
| | 2x QPSK (1/2) | 27 dBm | ± 2 dB | | 2x QPSK (1/2) | -95 dBm | ±2dB |
| | 2x QPSK (¾) | 27 dBm | ±2dB | | 2x QPSK (¾) | -92 dBm | ±2dB |
| | 4x 16QAM (1/2) | 27 dBm | ± 2 dB | airMAX ac | 4x 16QAM (½) | -90 dBm | ±2dB |
| airMAX ac | 4x 16QAM (¾) | 27 dBm | ± 2 dB | | 4x 16QAM (¾) | -86 dBm | ±2dB |
| airM/ | 6x 64QAM (⅔) | 27 dBm | ± 2 dB | | 6x 64QAM (⅔) | -83 dBm | ±2dB |
| | 6x 64QAM (¾) | 26 dBm | ± 2 dB | | 6x 64QAM (¾) | -77 dBm | ±2dB |
| | 6x 64QAM (5%) | 25 dBm | ± 2 dB | | 6x 64QAM (%) | -74 dBm | ±2dB |
| | 8x 256QAM (¾) | 23 dBm | ± 2 dB | | 8x 256QAM (¾) | -69 dBm | ±2dB |
| | 8x 256QAM (%) | 22 dBm | ± 2 dB | | 8x 256QAM (%) | -65 dBm | ±2dB |













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Specifications

| | R5AC-PTP Physical / Electrical / Environmental Information |
|---------------------------|--|
| Dimensions | 198.5 x 86.4 x 44.1 mm (7.82 x 3.40 x 1.74") |
| Weight | 295 g (10.41 oz) |
| Enclosure Characteristics | Outdoor UV Stabilized Plastic |
| 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 |
| Max. Power Consumption | 8.5W |
| Power Supply | 24V, 0.5A Gigabit PoE Adapter |
| Power Method | Passive PoE (Pairs 4, 5+; 7, 8 Return) |
| 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 |

| R5AC-PTP Software Information | | | |
|--|---|--|--|
| 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 CLI | | |
| 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 | | |
| Channel Sizes PtP Mode PtMP Mode | 10/20/30/40/50/60/80 MHz 10/20/30/40 MHz | | |
| 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-PTP Compliance |
|--------------------|---------------------|
| Wireless Approvals | FCC, IC, CE |
| RoHS Compliance | Yes |

| R5AC-PTP Operating Frequency | | | |
|------------------------------|----------------------------|--|--|
| Operating Frequency | Worldwide: 5470 - 5875 MHz | | |
| Operating Frequency | USA: 5725 - 5850 MHz | | |
| Output Power | 27 dBm | | |

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| TX Power SpecificationsModulationModulationData RateAvg. TXToleranceModulation1x BPSK (½)27 dBm±2 dB2x QPSK (½)27 dBm±2 dB2x QPSK (¾)27 dBm±2 dB4x 16QAM (½)27 dBm±2 dB4x 16QAM (¾)27 dBm±2 dB6x 64QAM (¾)27 dBm±2 dB6x 64QAM (¾)26 dBm±2 dB6x 64QAM (¾)23 dBm±2 dB8x 256QAM (¾)22 dBm±2 dB | oupationel | | | | |
|---|------------|----------------|---------|-----------|------------|
| Ix BPSK (½) 27 dBm ± 2 dB 2x QPSK (½) 27 dBm ± 2 dB 2x QPSK (½) 27 dBm ± 2 dB 2x QPSK (¾) 27 dBm ± 2 dB 4x 16QAM (½) 27 dBm ± 2 dB 4x 16QAM (¾) 27 dBm ± 2 dB 6x 64QAM (¾) 27 dBm ± 2 dB 6x 64QAM (¾) 27 dBm ± 2 dB 6x 64QAM (¾) 26 dBm ± 2 dB 6x 64QAM (¾) 25 dBm ± 2 dB 8x 256QAM (¾) 23 dBm ± 2 dB | | | | | |
| Image: Second | Modulation | Data Rate | Avg. TX | Tolerance | Modulation |
| Image: Section of the section of th | | 1x BPSK (½) | 27 dBm | ±2dB | |
| Year Ax 16QAM (½) 27 dBm ± 2 dB 4x 16QAM (¾) 27 dBm ± 2 dB 4x 16QAM (¾) 27 dBm ± 2 dB 6x 64QAM (¾) 27 dBm ± 2 dB 6x 64QAM (¾) 26 dBm ± 2 dB 6x 64QAM (¾) 26 dBm ± 2 dB 6x 64QAM (¾) 25 dBm ± 2 dB 8x 256QAM (¾) 23 dBm ± 2 dB | | 2x QPSK (1/2) | 27 dBm | ±2dB | |
| Year Ax 16QAM (¾) 27 dBm ± 2 dB 6x 64QAM (¾) 27 dBm ± 2 dB 6x 64QAM (¾) 26 dBm ± 2 dB 6x 64QAM (¾) 26 dBm ± 2 dB 6x 64QAM (¾) 25 dBm ± 2 dB 8x 256QAM (¾) 23 dBm ± 2 dB | | 2x QPSK (¾) | 27 dBm | ±2dB | |
| 6x 64QAM (¾) 26 dBm ± 2 dB 6x 64QAM (‰) 25 dBm ± 2 dB 8x 256QAM (¾) 23 dBm ± 2 dB | | 4x 16QAM (1/2) | 27 dBm | ±2 dB | |
| 6x 64QAM (¾) 26 dBm ± 2 dB 6x 64QAM (‰) 25 dBm ± 2 dB 8x 256QAM (¾) 23 dBm ± 2 dB | AX ac | 4x 16QAM (¾) | 27 dBm | ±2dB | АХ ас |
| 6x 64QAM (%) 25 dBm ± 2 dB 8x 256QAM (¾) 23 dBm ± 2 dB | airM | 6x 64QAM (⅔) | 27 dBm | ±2 dB | airM |
| 8x 256QAM (¾) 23 dBm ± 2 dB | | 6x 64QAM (¾) | 26 dBm | ±2dB | |
| | | 6x 64QAM (%) | 25 dBm | ±2 dB | |
| 8x 256QAM (%) 22 dBm ± 2 dB | | 8x 256QAM (¾) | 23 dBm | ±2 dB | |
| | | 8x 256QAM (%) | 22 dBm | ±2dB | |

| RX Power Specifications | | | |
|-------------------------|---------------|-------------|-----------|
| n | Data Rate | Sensitivity | Tolerance |
| | 1x BPSK (1/2) | -96 dBm | ±2dB |
| | 2x QPSK (1/2) | -95 dBm | ±2 dB |
| | 2x QPSK (¾) | -92 dBm | ±2 dB |
| | 4x 16QAM (½) | -90 dBm | ± 2 dB |
| | 4x 16QAM (¾) | -86 dBm | ±2dB |
| | 6x 64QAM (⅔) | -83 dBm | ± 2 dB |
| | 6x 64QAM (¾) | -77 dBm | ±2 dB |
| | 6x 64QAM (%) | -74 dBm | ± 2 dB |
| | 8x 256QAM (¾) | -69 dBm | ±2dB |
| | 8x 256QAM (%) | -65 dBm | ± 2 dB |









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Specifications

| R5AC-PTMP Physical / Electrical / Environmental Information | | | |
|---|---|--|--|
| Dimensions | 198.5 x 86.4 x 44.1 mm (7.82 x 3.40 x 1.74") | | |
| Weight | 295 g (10.41 oz) | | |
| Enclosure Characteristics | Outdoor UV Stabilized Plastic | | |
| 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, (5) Reserved | | |
| Max. Power Consumption | 8.5W | | |
| Power Supply | 24V, 0.5A Gigabit PoE Adapter | | |
| Power Method | Passive PoE (Pairs 4, 5+; 7, 8 Return) | | |
| 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 | | |

| R5AC-PTMP Software Information | | |
|--|---|--|
| 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 CLI | |
| 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 | |
| Channel Sizes PtP Mode PtMP Mode | 10/20/30/40/50/60/80 MHz 10/20/30/40 MHz | |
| 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-PTMP Compliance |
|--------------------|----------------------|
| Wireless Approvals | FCC, IC, CE |
| RoHS Compliance | Yes |

| ۲ | SAC-PIMP Operating Frequency |
|---------------------|------------------------------|
| Operating Frequency | Worldwide: 5470 - 5875 MHz |
| Operating Frequency | USA: 5725 - 5850 MHz |
| Output Power | 27 dBm |

| 27 dBm |
|--------|
|--------|

Tolerance

±2dB

±2dB

 $\pm 2 \text{ dB}$

 $\pm 2 \, dB$

 $\pm 2 \text{ dB}$

 $\pm 2 \text{ dB}$

 $\pm 2 \text{ dB}$

 $\pm 2 \text{ dB}$

 $\pm 2 \, dB$

 $\pm 2 \, dB$

Sensitivity

-96 dBm

-95 dBm

-92 dBm

-90 dBm

-86 dBm

-83 dBm

-77 dBm

-74 dBm

-69 dBm

-65 dBm

| TX Power Specifications | | | | RX Power Specifications | | |
|-------------------------|----------------|---------|-----------|--------------------------------|----------------|----------|
| Modulation | Data Rate | Avg. TX | Tolerance | Modulation | Data Rate | Sensitiv |
| | 1x BPSK (1/2) | 27 dBm | ±2dB | airMAX ac | 1x BPSK (1/2) | -96 dBı |
| | 2x QPSK (1/2) | 27 dBm | ±2dB | | 2x QPSK (1/2) | -95 dBı |
| | 2x QPSK (¾) | 27 dBm | ±2dB | | 2x QPSK (¾) | -92 dBi |
| | 4x 16QAM (1/2) | 27 dBm | ±2 dB | | 4x 16QAM (1/2) | -90 dBi |
| АХ ас | 4x 16QAM (¾) | 27 dBm | ±2dB | | 4x 16QAM (¾) | -86 dBi |
| airMAX | 6x 64QAM (⅔) | 27 dBm | ±2 dB | | 6x 64QAM (⅔) | -83 dBi |
| | 6x 64QAM (¾) | 26 dBm | ±2dB | | 6x 64QAM (¾) | -77 dBi |
| | 6x 64QAM (%) | 25 dBm | ±2 dB | | 6x 64QAM (%) | -74 dBi |
| | 8x 256QAM (¾) | 23 dBm | ±2 dB | | 8x 256QAM (¾) | -69 dB |
| | 8x 256QAM (%) | 22 dBm | ±2dB | | 8x 256QAM (%) | -65 dBi |
| | | | | | | |



27 dBm



U rochet ac

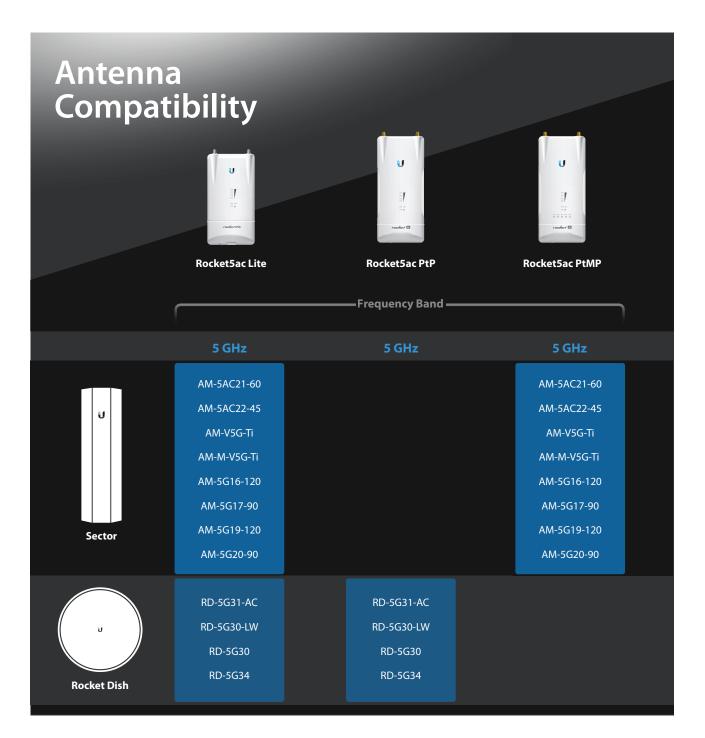
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5 GHz

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Plug and Play Integration

Rocket radios and airMAX antennas have been designed to seamlessly work together. Every airMAX antenna has a built-in Rocket mount, so installation requires no special tools.



Datasheet

Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at: www.ubnt.com/support/warranty ©2011-2015 Ubiquiti Networks, Inc. All rights reserved. Ubiquiti, Ubiquiti Networks, the Ubiquiti U logo, the Ubiquiti beam logo, airCRM, 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.

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