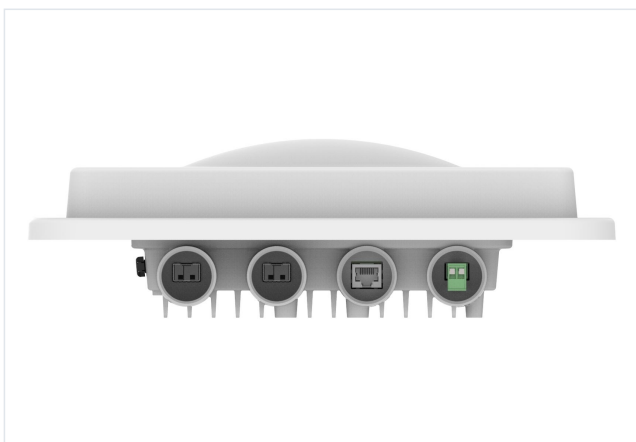
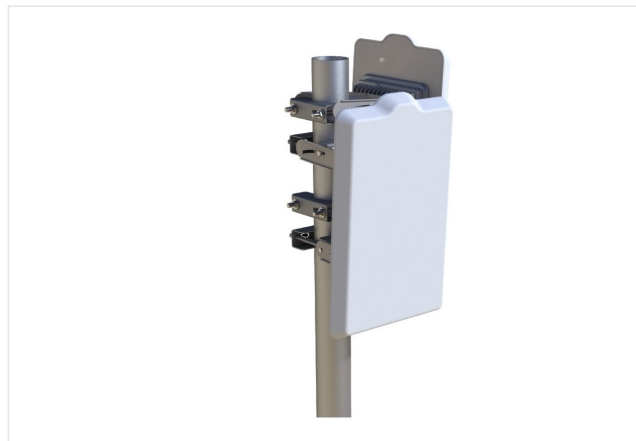


MIM-A6

Mimosa A6 5.15-6.425GHz PtMP Access Point with Wi-Fi 6E

Product Overview

Mimosa A6 5.15-6.425GHz PtMP Access Point with Wi-Fi 6E, 7 Gbps Maximum Throughput, 8 x 8 MU-MIMO, Access Point with GPS, PoE not included, 24 dBi with adaptive beamforming antenna gain



Specifications

Overview:

A6 - PTMP Access Point - Supercharged Wi-Fi 6E-Based Access

The A6 sets a new standard in efficiency, performance, capacity, and interference handling for unlicensed PTMP deployments. New features such as OFDMA, 1024-QAM, 8-stream beamforming, and support for up to 160 MHz of bandwidth, deliver huge leaps in reliability and performance for the unlicensed band.

Features:

Speed and Capacity for Dense Markets and Crowded Towers

Compete with fiber speed offerings in both urban and rural tower sites with the A6 . Wi-Fi 6E technologies offer unparalleled 60 bps/Hz spectral efficiency and high capacity 8x8 multi-user MIMO and OFDMA technologies, ensuring sufficient AP capacity to handle large populations (200+ subscribers) at almost any rural tower location, or even in the most dense city urban environments.

Applications

- Short to Long-Range PTMP
- Public Safety Networks
- Multipoint Distribution for Security
- Broadband Service Provider
- Enterprise and Campus Connectivity

INTERFERENCE - Reliable in Noisy Environments

Unlicensed bands usually have crowded spectrum in cities, and even at tower collocation sites in rural areas. The A6 brings an arsenal of new, advanced noise fighting techniques to make it easier than ever to overcome noisy conditions and deliver reliable services in unlicensed spectrum.

POWER - Improved Link Budget in a Small Form Factor

Whether its overcoming noise or punching through a bit more near-LOS foliage, who wouldnt want an improved link-budget? The A6 introduces a series of new integrated antenna and baseband features to get over 10 dB signal improvement without needing to increase the device form-factor size.

FLEXIBILITY - Easy to Deploy

Small sites require complex and costly power and switching equipment between backhauled and APs. As new devices introduce higher speed 10 Gbps equipment, these costs are rapidly making site expansion too expensive for ISPs. The A6 is equipped with an internal switch and multiple integrated 10 Gbps SFP+ for easy interconnectivity without requiring an external switch. Dedicated 48 V DC power inputs remove the need for additional Ethernet runs when deploying fiber.

Specifications:

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Specifications	
Product Code	MIM-A6
Max Throughput	7 Gbps (IP) PTMP
Frequency	5.150-6.425 GHz
Weight	3.95 kg (8.7 lbs)
IP Rating	IP67
Power Consumption	40 W

ComX Computers

Product Specification Sheet

Antenna Gain	24 dBi with Adaptive Beamforming
Antenna Beamwidth	90° Azimuth, 7° Elevation

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/MIM-A6-Mimosa-A6-5-15-6-425GHz-PtMP-Access-Point-with-Buy-p-270798.php>

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