# AP-561 Micro-WAP
## Secure Wireless Access Point

The AP-561 Micro-WAP is a small wireless access point that provides Wi-Fi connectivity to passengers and equipment onboard an aircraft. This small appliance can support up to five devices simultaneously, and offers additional cybersecurity and application hosting functionality.

## Features

+ Connect up to five (5) devices to the Micro-WAP

+ Up to 100+ Mbps of data

+ One (1) Gigabit Ethernet interface

+ One (1) 802.11ac WiFi Radio with an integrated antenna

+ Includes local storage for data collection and serving up to a router or server

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## Technical Information

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|---|---|
| Form Factor | 2.46"L x 2.08"W x 1.05"H |
| Processor | Single-core 64-bit Cortex-A53 ARM processor running at 1GHz |
| Storage | 120GB of local storage |
| Weight | < 0.35 lbs. |
| Ethernet | Giga-Bit Ethernet interface |
| WiFi | 802.11ac WiFi Radio with integrated antenna |
| Discrete GPIO | - 1 x WiFi Disable Discrete Input<br>- 1 x Programmable Discrete Input<br>- 1 x Programmable Discrete Output |
| Security | - Secure Boot<br>- All data encrypted-at-rest |
| ARINC-429 | Single ARINC-429 Receiver |
| Advanced Feaures | - DHCP Server<br>- Application Server for third party applications to be added (some limitations may apply)<br>- Secure API |

Need more information?
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