

Overview

Figure 1: Airwall Gateway 75 Series



The Airwall Gateway 75 Series is a three-port gateway that connects and protects your edge devices. The Airwall Gateway forms a key component of the Airwall cybersecurity solution, which eliminates the complexity, time, and cost associated with traditional networking and security methods.

The Airwall solution is purpose built to secure critical infrastructure using an identity-based, zero trust protocol. Use the Airwall solution to create private overlay networks based on encrypted tunnels and trusted cryptographic identities to cloak your devices and shrink your network attack surface.

Features

- A complete zero trust portfolio
- Easy to manage identity-driven policies
- Micro-segmentation with end-to-end encryption
- Based on Host Identity Protocol (HIP), an open IETF standard developed to fix the lack of mobility and security flaws of TCP/IP
- Single pane of glass management console, provides simple, scalable, extensible policy management between your devices
- Securely connect anything, anywhere, over any network
- Create private overlay networks on top of existing infrastructure, no need to rip and replace
- Reduces attack surface by 95% and complexity by 50% to 80%

Technical specifications

Table 1: Technical specifications

Specification	Description
Physical and power specifications	
Ethernet ports	3 x 10/100/1000Base-T
Console port	1 x micro USB
USB ports	Not supported
Indicators	<ul style="list-style-type: none">1 x Power LED1 x Wi-Fi LED (not supported)1 x Activity/Status LED
Power	<ul style="list-style-type: none">12V DC, 2A max5.5mm x 2.1mm barrel jackCenter positiveOver-voltage protection (~20V)Reverse-polarity protection
Temperature	<ul style="list-style-type: none">Operating: 0°C to 70°C (32°F to 158°F)Storage: -45°C to 85°C (-49°F to 185°F)
Weight	Approximately 150 g (.33 lbs)
Dimensions	<ul style="list-style-type: none">Width: 110mm (4.33 in.)Depth: 84.5mm (3.33 in.)Height: 29.5mm (1.16 in.)
Performance specifications	
Throughput	<ul style="list-style-type: none">Encrypted: 84 Mbps, 12k PPSBypass: 165 Mbps, 16k PPS
Latency	Measured at 20% maximum throughput, one direction. <ul style="list-style-type: none">Encrypted: 8 msBypass: 6 ms
Max. protected devices	25 local protected devices
Max. peer Airwall endpoints	50 concurrent HIP tunnels

Regulatory and compliance

Table 2: Regulatory and compliance

Export compliance	
HS code	8517620020
Hardware origin	Taiwan or China ⓘ Note: After October 2024, all Airwall Gateway 75s are produced in Taiwan.
ECCN	5A002.a.1
CCATS	Pending
Software origin	United States

Table 2: Regulatory and compliance

Regulatory approvals	
United States	FCC
Canada	IC / ISED
European Union	LVD, EMC, RED(w), RoHS, REACH, WEEE
UK	UKCA
Regulatory standards	
Electromagnetic compatibility	<ul style="list-style-type: none"> • FCC Part 15B class B • CAN ICES-3 (B) / NMB-3 (B) • EN 55032 : 2015 • EN 55024: 2010 • EN 55035: 2017 • Draft ETSI EN 301 489-1 V2.2.1 (w) • Final Draft ETSI EN 301 489-3 V2.1.1 (w) • Draft ETSI EN 301 489-17 V3.2.0 (w)
Electrical safety	<ul style="list-style-type: none"> • IEC 60950-1:2005+A1:2009+A2:2013 • EN 60950-1:2006+A2:2013 • IEC 62368-1 Safety Certification
EMR / Health	EN 62311:2008 (w)

Single point of contact

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