
Overview

Figure 1: Airwall Gateway AV3033



The Airwall Gateway AV3033 serves as a data center, campus, or plant services gateway that connects and protects thousands of endpoints. The Airwall AV3033's high performance, port density, dual power, and port expansion modules eliminate the cost, complexity, and ineffectiveness of managing VPNs, firewalls, VLANs, ACLs, and NAC for secure connectivity and segmentation across any network.

The Airwall Gateway forms a key component of the Airwall cybersecurity solution. The Airwall solution is purpose built to secure critical infrastructure using an identity-based, zero trust protocol. Use Airwall 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
- Optional expansion modules
- 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

Physical and power specifications	
Ethernet ports	<ul style="list-style-type: none">• 6 x 10/100/1000Base-T• 4 x 1000 SFP
Console port	1 x RJ-45 serial connector. Use RS-232 with Cisco/Juniper pinout
USB ports	Not supported
Indicators	<ul style="list-style-type: none">• 1 x Power LED• 1 x HDD activity LED• LCD module (16 x 2 graphic display, 5 buttons)
Power	<ul style="list-style-type: none">• AC, redundant• Watts: 300W• Input: 100-240 VAC, auto range• Connector: C14 connector on power supply, uses C13 cable
Temperature	<ul style="list-style-type: none">• Operating: 0°C to 40°C (32°F to 104°F)• Storage: -40°C to 60°C (-40°F to 140°F)
Weight	Approximately 10.88 kg (24 lb)
Dimensions	<ul style="list-style-type: none">• Width: 438 mm (17.24 in.)• Depth: 550 mm (21.65 in.)• Height: 44 mm (1.75 in.)
Mounting	1U rack mount
Wireless LAN	Not supported
Expansion modules	
Ports	8 x RJ-45
Performance specifications	
Throughput	<ul style="list-style-type: none">• Encrypted: 4.5 Gbps, 380k PPS• Bypass: 4.1 Gbps, 320k PPS
Latency	Measured at 30%, maximum throughput, one direction. <ul style="list-style-type: none">• Encrypted: 2 ms• Bypass: 1 ms
Max. protected devices	400 local protected devices
Max. peer Airwall endpoints	200 concurrent HIP tunnels

Regulatory and compliance

Table 2: Regulatory and compliance

Export compliance	
HS code	8517620020
Hardware origin	Taiwan
ECCN	5A002.a.1
CCATS	Pending

Table 2: Regulatory and compliance

Software origin	United States
Regulatory approvals	
United States	FCC
Canada	IC / ISED
European Union	CE, LVD, EMCD, RED(w), RoHS, REACH, WEEE
UK	UKCA
Regulatory standards	
Electromagnetic compatibility	<ul style="list-style-type: none"> • FCC Part 15B class A • 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
EMR / Health	EN 62311:2008 (w)

Single point of contact

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