

Panabit AX50 Intelligent Application Gateway

Product Specification



Product Overview:

Panabit AX50 is a high-performance, versatile, all-in-one intelligent gateway developed by Panabit on a domestic platform. It offers easy management with built-in features like load balancing, traffic control, SD-WAN, firewall, and internet behavior management. The AX50 enables comprehensive network visualization and precise service quality monitoring, allowing real-time insights into overall network health and meeting the need for fine-grained traffic visibility, control, and auditability.

Product Features:



Application-Level Load Balancing

In addition to network-layer load balancing, this feature supports application-layer balancing based on protocols, domains, and service names, providing intelligent routing for smoother access.



SD-WAN Networking

Provides a cost-effective branch networking solution with options for business acceleration and encrypted tunnels to meet diverse business requirements, offering a secure and smooth user experience.



Integrated Wireless AC

Works with Panabit APs, supporting zero-configuration onboarding, centralized configuration, and optimization. It enables a unified wired and wireless network setup, simplifying enterprise management.



Granular Traffic Control

Achieves precise traffic identification and enables flow control targets even in complex network conditions. This grants users fine-grained visibility and controllable network management capabilities.



Internet Activity Auditing

Provides a 1:1 comprehensive internet activity log and is compatible with Panalog to meet compliance with Regulation 151. This gives users full documentation and insights into network activities and trends.



Built-in Threat Intelligence

Provides automatic updates for malicious IPs and domain libraries with alerts, blocking, and logging capabilities to ensure user network security. It prevents access to sites containing malware, phishing, cryptojacking, and more.

Specification:

Device Type	Desktop
Wired Network Ports	3 x 10/100/1000 Mbps adaptive Ethernet ports
Other Ports	Management port (MGT), USB, Console port Reset button
Power Supply	12V/2A External, single power source
Chassis Material	Metal body
Recommended Concurrent IPs	≤16,000
Recommended Bandwidth Throughput	≤500Mbps
User Scale	≤100
Power Consumption	10W
Weight	1.1KG
Dimensions	210*139*30mm
Environmental	Operating Temperature: 0°C to 45°C Storage Temperature: -40°C to 70°C Operating Humidity: 10% to 90% RH (non-condensing) Storage Humidity: 5% to 90% RH (non-condensing)



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