

# Panabit AX40 Intelligent Application Gateway

## Product Specification



### Product Overview:

Panabit AX40 is a top-tier smart gateway from Panabit Software, designed for advanced network management and control. It ensures high availability and performance, with features like load balancing, traffic Control, SD-WAN, firewall protection, and internet behavior monitoring. This gateway supports detailed network monitoring and quality checks, giving users full oversight and control over their network traffic.

### 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:

<b>Device Type</b>	Desktop
<b>Wired Network Ports</b>	3 x 10/100/1000 Mbps adaptive Ethernet ports
<b>Other Ports</b>	Management port (MGT), USB, Console port Reset button
<b>Power Supply</b>	12V/2A External, single power source
<b>Chassis Material</b>	Metal body
<b>Recommended Concurrent IPs</b>	≤16,000
<b>Recommended Bandwidth Throughput</b>	≤500Mbps
<b>User Scale</b>	≤100
<b>Power Consumption</b>	10W
<b>Weight</b>	1.1KG
<b>Dimensions</b>	210*139*30mm
<b>Environmental</b>	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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