



Panabit AX10 10Gbps Anniversary Edition Intelligent Application Gateway

Product Specification



Product Overview:

Panabit AX10K 10Gbps Commemorative Edition is a cutting-edge smart gateway from Panabit Software, designed to deliver superior performance and reliability. It includes a custom FPGA network card for enhanced performance, catering to the full spectrum of user needs from high-speed connectivity to network management, optimization, and auditing. This device offers granular visibility and control for network management, plus a suite of advanced features like firewall protection, routing, user authentication, usage billing, behavior monitoring, traffic shaping, smart load balancing, and big data analytics.

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	1U rack-mounted
Data Interface	4 x 10-Gigabit optical ports 8 x Gigabit Ethernet ports 8 x Gigabit optical ports
Other Interface	1*Management Port (MGT) 2*USB 3.0 1*Console Port
Power	220V AC single power supply
Chassis Material	Metal body
Recommended Concurrent Connections	Professional Edition: ≤16,000 Rental Edition: ≤55,000
User Scale	Professional Edition: ≤100 Rental Edition: ≤300
Power Consumption	65 W
Weight	9.6 KG
Dimensions	440mm*400mm*45mm,
Environmental	Operating Temperature: 0°C to 40°C Storage Temperature: -40°C to 70°C Operating Humidity: 5% to 95% RH (non-condensing) Storage Humidity: 5% to 95% RH (non-condensing)



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