

Summit X450a Series



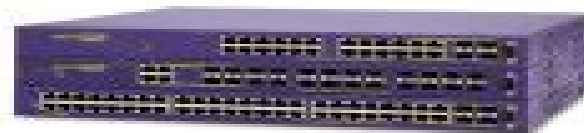
The Summit X450a series is based on Extreme Networks' revolutionary ExtremeOS operating system. ExtremeOS modular OS is highly resilient and provides continuous uptime, manageability and operational efficiency. Each Summit X450a switch offers the same high-performance, non-blocking hardware technology used on Extreme Networks BlackDiamond® 8800 series, in the Extreme Networks tradition of simplifying network deployments through the use of common hardware and software throughout the network.

The flexible and scalable Summit X450a switch is an ideal aggregation switch for traditional small core enterprise networks. The Summit X450a series is a perfect first level aggregation device for DSUs/MTs at a local central office before traffic is passed on to the Extreme Networks BlackDiamond 8810 core switch with 8800-v1 series modules at the Point of Presence (POP), where traffic is managed and connected to service networks.

The versatile Summit X450a switch provides high-density gigabit plus optional 10 Gigabit Ethernet ports in a compact 1RU format, supporting a full range of Layer 2 to Layer 4 functionalities on every port to allow high productivity. Optional redundant power supplies are available for each switch to protect against power anomalies, providing a continuous operational network.

Target Applications

- Aggregation switch in a traditional three-tiered network that requires high availability and ExtremeOS advanced features
- DSLAM aggregation, active Ethernet access or access aggregation device in a Carrier Ethernet network
- Access or access aggregation switch in a business E-Line or E-LAN over MPLS network
- Top-of-Rack switch in a data center deployment
- Interconnect switch providing low latency connections for High Performance Cluster Computing (HPC)
- Core switch for a small network



Summit® X450a series—The scalable advanced aggregation switch with the revolutionary modular operating system, ExtremeOS™.

Voice-Class Availability

- Modular ExtremeOS Operating System (OS)
- Ethernet Automatic Protection Switching (EAPS) resiliency protocol
- SummitStack™ and SummitStack-V — highly available stacking support

Advanced Features Offer Versatile Deployment

- High bandwidth, non-blocking architecture for demanding edge applications
- High density gigabit ports with optional 10 gigabit uplinks that provide high-performance aggregation
- Advanced routing protocols such as OSPF, BGP and multi-cast for an efficient and productive small network core
- Exceptional Quality of Service (QoS) with advanced traffic management capabilities for triple play services in Carrier Ethernet networks

Comprehensive Security

- User authentication, host integrity enforcement and Identity Management
- Universal Port dynamic security profile to provide fine granular security policies in the network
- Threat detection and response instrumentation to react to network intrusion with CLEAR-Flow Security Rules Engine
- Harden the network infrastructure with Denial of Service (DoS) protection and IP security against man-in-the-middle and DoS attacks

Manual Summit X450a

Léo Pomar



Manual Summit X450a:

Enjoying the Track of Term: An Psychological Symphony within **Manual Summit X450a**

In a world eaten by displays and the ceaseless chatter of immediate connection, the melodic splendor and psychological symphony developed by the published term frequently disappear into the back ground, eclipsed by the relentless noise and disturbances that permeate our lives. But, situated within the pages of **Manual Summit X450a** a marvelous fictional value full of organic thoughts, lies an immersive symphony waiting to be embraced. Crafted by an outstanding musician of language, that fascinating masterpiece conducts readers on an emotional journey, well unraveling the hidden songs and profound impact resonating within each cautiously constructed phrase. Within the depths of this poignant evaluation, we can discover the book is main harmonies, analyze their enthralling publishing type, and surrender ourselves to the profound resonance that echoes in the depths of readers souls.

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