Highlights

Plug-and-Play

Fast and easy zero-touch installation plus rule-based access point adoption from all locations automates equipment discovery and deployment.

Smart Routing

Every piece of infrastructure in your WLAN has the intelligence required to work together to route every transmission as efficiently as possible. Traffic is no longer routed through a centralized controller, eliminating network congestion and latency.

Comprehensive Integrated Network Security Services

Wired/wireless firewall, built-in Wireless Intrusion Protection System (WIPS), integrated IPSec VPN gateway, AAA Radius Server and secure guest access with a captive web portal, and much more.

Smart RF

Smart RF management mitigates the RF disruption caused by Wi-Fi and non-Wi-Fi interference, faulty antennas, dynamic dead spots, or neighboring access point failures by allowing the WLAN to automatically and intelligently adapt to changes in the RF environment.

BYOD Support

The ExtremeWireless WiNG 5 OS provides the device fingerprinting and role-based policy required to help manage and secure user-owned devices.

ExtremeWireless™ WiNG NX 5500 Integrated Services Platform

Next-Generation Wireless Services for Small and Midsize Environments

Product Overview

The ExtremeWireless WiNG NX 5500 brings the next-generation in WLAN speed, security, reliability, and flexibility to the midsize enterprise, providing comprehensive management and control of up to 512 network elements through a single pane of glass. With the NX 5500, all network infrastructure is empowered with the intelligence to make the best routing decisions, so you get maximum speed and throughput — the congestion and latency associated with routing traffic through a centralized controller is eliminated.

A Highly cost-effective Platform for Optimized WLAN Performance

The NX 5500 multi-core network processing platform supports up to 512 access points, well suited for small to midsize deployments. Its rich set of integrated services — including router, firewall, VPN, AAA/Radius server and DHCP/DNS server — eliminates the need for any additional hardware without compromising system performance. And the integrated application visibility engine provides the necessary intelligence to identify, categorize, and filter/block/control network bandwidth usage based on your business needs.

Centralized Management and Control From the NOC Through NX/VX

A distributed, multi-network NX 5500 deployment can be controlled and managed at the NOC through your NX9XXX/NX75XX/VX9000 — giving you single-pane-of-glass management for easy provisioning and day-to-day monitoring and troubleshooting of your entire WLAN infrastructure.

Powered by the Advanced WiNG 5 Operating System

The ExtremeWireless WiNG 5 OS provides the advanced intelligence required to create the "fully network-aware" WLAN, allowing every piece of infrastructure in your wireless network to work together to route every transmission as efficiently as possible.

Specifications

Product Features	NX 5500
Physical Characteristics	
Dimensions	1U, rack-mountable 16.93 in. W x 1.74 in. H x 12.63 in. D 430 mm W x 44.2 mm H x 320.7 mm D
Weight	10 lb./4.5 kg
Memory	4 GB RAM
Storage	32 GB solid-state drive for firmware image and critical data
Power Supply	100 Watts, 100-240V AC PSU
Power Consumption	30 Watts
Capacity and Performance	
APs Supported (Local bridging)	512
APs Supported (Extended VLAN)	256
Data Throughput	6 Gbits/sec.
Crypto Throughput	2 Gbits/sec.
RF Domains	512
WLANs	256
Wireless Clients	16K
User Environment	
Operating Temp.	32°F to 104°F/0°C to 40°C
Storage Temp.	-4°F to 158°F/-20°C to 70°C
Operating Humidity	5% to 85% at 104°F/40°C
Storage Humidity	5% to 95% at 104°F/40°C
Interfaces and Management	
	• Six 10/100/1000 Base-T Ethernet ports (copper) • Two USB 2.0 interfaces • RS-232 serial console (RJ-45) interface • LCD panel with navigation buttons
Product SKUs and Licenses	
NX-5500-100R0-WR	NX 5500 Services Platform
NX-5500-ADP-16	16x AP License Pack for NX 5500
NX-5500-ADP-64	64x AP License Pack for NX 5500
NX-5500-ADP-128	128x AP License Pack for NX 5500

Deliver best-in-class wireless performance, simplify network control, reduce network costs, and provide your workers with more wireless services to increase business efficiency with the ExtremeWireless WiNG NX 5500 Integrated Services Platform.

For more information, visit www.extremenetworks.com.

Extreme™
Customer-Driven Networking

http://www.extremenetworks.com/contact ╱ Phone +1-408-579-2800