

Most network security suppliers push pre-packaged platforms. At Blue Coat, we take a different approach. We know every company is different – and that means your security should be, too. That's why we created the X-Series – An open adaptable platform that is a foundational element of our Business Assurance Platform.

HIT THE RESET BUTTON

The X-Series integrates superior network processing together with exceptional application processing on an open architecture – which means you get to choose best-in-class applications to run on the platform to maximize your security – protecting the assets, brand, and customers – that is what Blue Coat provides.

The secret to the platform is that it's actually a Virtual Infrastructure or “network-in-a-box” that provides a responsive system that is change-ready to your application and performance needs – Our Virtual Infrastructure delivers exceptional performance by leveraging every ounce of processing resource and maximizing system life.

The X-Series allows enterprises and service providers to consolidate network infrastructure (switches, load balancers, patch cabling, and power cords) and appliances supporting security applications. It dramatically simplifies deployment and on-going management. The net effect is that you can consolidate 100:1 devices in the network. That means fewer devices to manage, a smaller footprint in the

data center and of course a lower cost of ownership.

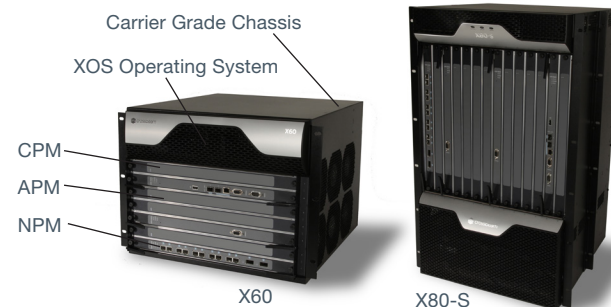
The system is designed using five components:

1. Carrier grade chassis
2. Network Processor Module (NPM)
3. Application Processor Module (APM)
4. Control Processor Module (CPM)
5. XOS Operating System

All working together to create our open adaptable platform built from the ground up with no single point of failure.

The most powerful innovation however is our X-Series Operating System (XOS). At Blue Coat, we believe the secret to a successful platform is its operating system. That's why we have spent the last 10 years perfecting our creation.

We built an operating system that allows multiple best-of-breed applications to live on the same platform working together seamlessly, and with the ability to centralize



control and visibility of the entire system. 600 person-years of effort later, XOS is in use by some of the largest banks, service providers, mobile operators, schools, and governments around the world. With XOS, a Virtual Infrastructure is created allowing customers to move, add, and change applications onto the same hardware within minutes and to do so without fear to downtime.

All X60 & X80-S platforms can be managed centrally with our Blue Coat Network Management System (XMS).

- Utilize best-in-class applications to fit your business and maximize security
- Adapt security performance and scaling to fit your business
- Lower total cost of ownership with dramatic network consolidation and energy consolidation
- Extend hardware capital depreciation cycles to 5+ years
- Decrease downtime with self-healing fully modular platform

CHASSIS SPECIFICATIONS

CHASSIS	X60	X80-S
Type	Fully Modular	Fully Modular
Physical Dimensions	Dimensions (H x W x D): 13.5 x 17.5 x 19 in (34.3 x 44.4 x 48.2 cm) 8 rack units Front Rack Mountable Standard 19" Racks	Dimensions (H x W x D): 29 x 17.5 x 17.5 in (76.2 x 44.4 x 44.4 cm) 17 rack units Front Rack Mountable Standard 19" Racks
Weight	39 lb (17.7 kg) - Empty Chassis	100 lb (45.5 kg) - Empty Chassis
Power	100-240 VAC 2,700W Rated Maximum Up to 2 Hot-Swappable PSUs per System 1,200W 120-240 VAC; 2700W 200-240 VAC	X80-S AC: 100-240 VAC 5,100W Rated Maximum, X80-S DC: 48V DC. 100A Up to 4 Hot-Swappable PSUs per System 1,200W 120-240; VAC 2700W 200-240 VAC
Cooling	Side to Side Cooling System with Removable Fan Tray	Front to Rear Data Center Cooling System. Removable Fan Trays
Environment	Temperature 0 to 40oC (32 – 104oF); Humidity: 10% - 90% non-condensing	
Status Indicators	Power Supply and Module Active/Failed Status LED, Port Link (NPM, CPM), Minor/Major/Critical Alarm Status LEDs*	
Chassis Regulatory Compliance	RoHS; UL 60950, IEC 60950, FCC 47 CFR Part 15B Class A, EN 55022 : EN 55024, VCCI V-3 : AS/NZS CISPR22; CSA C22.2#60950; Common Criteria EAL+4 certified; FIPS 140-2 Level 2 (In Process)	
Green IT Compliancy	High efficiency power system up to 91 percent; WEEE Directive, ISO 14001, RoHS Compliant	
Redundancy Systems	Power, Application, Networking and Control Processing Redundancy & Dual box High Availability with other X60/X80-S Chassis	

SYSTEM SPECIFICATIONS

SYSTEM	X60	X80-S
Network Interfaces	Up to 32 x 1G SFP/10G SFP+	Up to 64 x 1G SFP/10G SFP+
Management Interfaces	Command Line Interface, (SSH, Telnet, Console); Greenlight Element Manager EMS (HTTPS); SNMP v1,2,3 support; Standard Syslog	
XOS (X-Series Operating System) Compatibility	XOS 9.5 or higher	XOS 8.5 or higher
Advanced Routing	Optional Upgrade Pack: Includes PIM Sparse Mode, OSPFv2, RIP-II, and BPG-4, IPv6 support and IPv6 to IPv4 tunneling support. Licensed per X-Series Chassis.	
Module Capacity	Up to 2 NPM, up to 5 APM, up to 2 CPM; Supports up to 7 modules total	Up to 4 NPM, up to 10 APM, up to 2 CPM; Supports up to 14 modules total
NPM Blade Compatibility	NPM-8620; NPM-8650; NPM-96X0	NPM-8600; NPM-8620; NPM-8650; NPM-96X0
APM Blade Compatibility	APM-8650, APM-9600	APM-8600, APM-8650, APM-9600
CPM Blade Compatibility	CPM-9600	CPM-8600, CPM-9600

PERFORMANCE SPECIFICATIONS

Network Connectivity	320Gbps	640Gbps
Application Processing (IMIX)	68Gbps	135Gbps
Packet Rate (PPS)	26 Million	56 Million
Maximum Connections	50 Million	100 Million

*X80-S Only