



Sourcefire® 3D8000 Series Appliances

Performance Meets Flexibility

Finding an IPS appliance with exactly the right throughput and interface options for your network is hard enough. Even if you find the perfect match for your requirements now, it's tough to plan for what you'll need in the future—especially while working within today's budget. As a result, many security buyers have resigned themselves to the fact that IPS appliances will only suffice for a few years before needing a hardware refresh.

INTRODUCING THE 3D8000 SERIES APPLIANCES FROM SOURCEFIRE

The 3D8000 Series appliances marry an extensible platform with the industry's fastest and most accurate IPS inspection to fit into your network today and in the future.

UNPRECEDENTED PERFORMANCE



At the heart of the new 3D8000 Series appliances lies the breakthrough FirePOWER™ acceleration technology, providing market-leading performance with greater energy efficiency.

	Sourcefire 3D8260	Next-closest competitor
NSS Labs-tested, Real-world Throughput	34Gbps	11.5Gbps
Price/Mbps-Protected	\$15	\$33
Annual Energy Cost/Mbps	\$0.04	\$0.06
Gbps/Rack Unit	8.5Gbps	2.9Gbps

Source: NSS Labs Network IPS Individual Product Test Results, Sourcefire 3D8260 IPS Appliance, April 2012; and NSS Labs Network IPS Group Test, Q4 2010.

NSS Labs tested the flagship Sourcefire 3D8260 with real-world traffic mixes and practical IPS policies applied. This sensor delivered 34Gbps of real-world throughput, more than doubling the throughput of the next nearest NSS Labs-tested competitor and also taking the lead in cost effectiveness and energy efficiency. Plus, the Sourcefire IPS™ is ranked number one in default and tuned detection effectiveness.

FLEXIBILITY FOR GROWTH

Easily Change Interface Configuration

Instead of the usual fixed port configuration of most high-end security appliances, the modularity of the 3D8000 Series appliances enables you to choose and change the number and type of interfaces for the appliance. Various Network Modules (NetMods) are inserted into the 3D8000 Series appliances to customize the interface configuration that is right for your network. NetMods are available with integrated fail open/bypass capabilities in the following options:

- 1Gbps 4 port copper
- 10Gbps 2 port fiber SR
- 40Gbps 2 port fiber SR40
- 1Gbps 4 port fiber
- 10Gbps 2 port fiber LR

3D8000 Series appliances offer:

- Integrated fail open/bypass interfaces
- LCD management interface
- Serial over ethernet console access
- Solid state disk drives
- Redundant, hot-swappable power supplies

This approach gives you a low entry price and a simple upgrade path. For those needing 1Gbps copper ports today, but have a 10Gbps fiber migration path in the future, this modular approach gives you the option to simply swap out a NetMod and have exactly what you need to fit your network at all times. With up to seven NetMod slots per chassis, the 3D8000 Series appliances offer industry-leading port density.

Boost Throughput up to 4x

The 3D8000 Series appliances offer additional flexibility to grow with your network throughput demands by stacking.

- 3D8140: Stack two of these appliances to double throughput
- 3D8250: Stack up to four appliances to grow throughput performance in 10Gbps increments—delivering up to a total of 40Gbps of IPS inspection

With flexible options like these, you can rest easy knowing that your investment is protected for the long-term.

To learn more, visit us at www.sourcefire.com or contact Sourcefire or a member of the Sourcefire Global Security Alliance™ today.

MODEL	3D8120	3D8130	3D8140
Performance and Functionality			
IPS Throughput*	2Gbps	4Gbps	6Gbps
Model Throughput	4Gbps	8Gbps	10Gbps
Modular Interfaces	Yes - Up to 3 modules in any combination	Yes - Up to 3 modules in any combination	Up to 3 modules in any combination
Monitoring Interfaces	(4) 1Gbps copper; (4) 1Gbps fiber; (2) 10Gbps SR; (2) 10Gbps LR	(4) 1Gbps copper; (4) 1Gbps fiber; (2) 10Gbps SR; (2) 10Gbps LR	(4) 1Gbps copper; (4) 1Gbps fiber; (2) 10Gbps SR; (2) 10Gbps LR
Management Interfaces	RJ45	RJ45	RJ45
Management Interface Speed	10/100/1000	10/100/1000	10/100/1000
Typical Latency	<150 microseconds	<150 microseconds	<150 microseconds
Memory (RAM)	24 GB	24 GB	24GB
Lights Out Management	Yes	Yes	Yes
Stackable	No	No	1 Stacking kit can be added for a total stack size of two - 12Gbps IPS
FirePOWER™	Yes	Yes	Yes
Dual Power Supplies	Yes	Yes	Yes
Hard Drives	Solid State	Solid State	Solid State
Cooling Fans	10	10	10

MODEL	3D8250	3D8260	3D8270	3D8290
Performance and Functionality				
IPS Throughput*	10Gbps	20Gbps	30Gbps	40Gbps
Model Throughput	20Gbps	40Gbps	60Gbps	80Gbps
Modular Interfaces	Up to 7 modules in any combination	Up to 6 modules in any combination	Up to 5 modules in any combination	Yes - Up to 4 modules in any combination
Monitoring Interfaces	(4) 1Gbps copper; (4) 1Gbps fiber; (2) 10Gbps SR; (2) 10Gbps LR	(4) 1Gbps copper; (4) 1Gbps fiber; (2) 10Gbps SR; (2) 10Gbps LR	(4) 1Gbps copper, (4) 1Gbps fiber, (2) 10Gbps SR, (2) 10Gbps LR	(4) 1Gbps copper, (4) 1Gbps fiber, (2) 10Gbps SR, (2) 10Gbps LR
Management Interfaces	RJ45	RJ45	RJ45	RJ45
Management Interface Speed	10/100/1000	10/100/1000	10/100/1000	(10/100/1000
Typical Latency	<150 microseconds	<150 microseconds	<150 microseconds	<150 microseconds
Memory (RAM)	48 GB	96 GB	144 GB	192 GB
Lights Out Management	Yes	Yes	Yes	Yes
Stackable	Up to 3 stacking kits can be added for a total stack size of four - 40Gbps IPS	Up to 2 stacking kits can be added for a total stack size of four - 40Gbps IPS	1 stacking kit can be added for a total stack size of four - See 3D8290 for details	Fully Stacked. No further expansion possible.
FirePOWER™	Yes	Yes	Yes	Yes
Dual Power Supplies	Yes	Yes	Yes	Yes
Hard Drives	Solid State	Solid State	Solid State	Solid State
Cooling Fans	6	12	18	24

*Exact network performance experienced will vary depending on conditions outside of the control of Sourcefire, including the protocol mix and average packet size inspected.

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