



# 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. But 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 resolved 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 Appliance marries a modular hardware platform with the industry's fastest and most accurate IPS inspection to fit into your network today and in the future.

## 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	27.6Gbps	11.5Gbps
Price/Mbps-Protected	\$19	\$33
Annual Energy Cost/Mbps	\$0.04	\$0.06
Gbps/Rack Unit	6.9Gbps	2.9Gbps

Source: NSS Labs Network IPS Individual Product Test Results, Sourcefire 3D8260 IPS Appliance, April 2011; 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 27.6Gbps 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.

## FLEXIBILITY

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
- 1Gbps 4 port fiber
- 10Gbps 2 port fiber SR
- 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. As network types and bandwidth options grow in the future, you can look to Sourcefire to provide additional NetMods with new interface types going forward.

The 3D8000 Series appliances offer additional flexibility through stacking to increase throughput as your inspection needs grow. Stack these appliances to double your throughput as needed, and rest easy knowing that your investment is protected for the long-term.

MODEL	3D8140	3D8250	3D8260
<b>Performance and Functionality</b>			
IPS Throughput*	6Gbps	10Gbps	20Gbps
Model Throughput	10Gbps	20Gbps	40Gbps
Modular Interfaces	Up to 3 modules in any combination	Up to 7 modules in any combination	Up to 6 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)	24GB	48GB	96GB
Lights Out Management	Yes	Yes	Yes
Stacking Support	Yes	Yes	n/a
<b>Redundancy Features</b>			
Dual Power Supplies	Yes	Yes	Yes
Hard Drives	Solid State	Solid State	Solid State
RAID Support	n/a (Solid State Drive)	n/a (Solid State Drive)	n/a (Solid State Drive)
Cooling Fans	10	6	12
<b>Physical and Environmental</b>			
Form Factor	1U	2U	4U
Dimensions (D x W x H in inches)	27.25 x 16.93 x 1.7	28.92 x 17.01 x 3.47	28.92 x 17.01 x 3.47 per device
Maximum Shipping Weight**	54lbs	67lbs	127lbs
Amps	<6 Amps	<6 Amps	<12 Amps
AC Voltage	120v/240v	120v/240v	120v/240v
DC Voltage	-48v	-48v	-48v
Watts (max)	Dual 650W	Dual 750W	2 Dual 750W
Operating Temperature	10°C-35°C	10°C-35°C	10°C-35°C
Air Flow	Front to back	Front to back	Front to back
Operating Humidity	5%-85%	5%-85%	5%-85%
RoHS Compliant	Yes	Yes	Yes

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

To learn more, visit us at [www.sourcefire.com](http://www.sourcefire.com) or contact Sourcefire or a member of the Sourcefire Global Security Alliance today.