



# 8300 Series Appliances



## Shared features

- FirePOWER Acceleration
- Redundant Power Supplies
- Integrated Lights Out Management
- Solid State Storage
- Modular Interfaces

## Universal Security Platform

- Next Generation IPS (NGIPS)
- Next Generation IPS + App Control
- Next Generation Firewall (NGFW)
- URL Filtering subscription
- Advanced Malware Protection subscription



**3D8350**

**3D8360**

**3D8370**

**3D8390**

Performance and Functionality				
IPS Throughput [1]	15 Gbps	30 Gbps	45 Gbps	60 Gbps
Firewall Only (No Threat Inspection) [1]	30 Gbps	60 Gbps	90 Gbps	120 Gbps
New Connections/sec [1]	270,000	540,000	810,000	1,080,000
Max Concurrent Connections [1]	17,000,000	34,000,000	51,000,000	68,000,000
Max Monitoring Interfaces (1Gbps)	28	24	20	16
Modular Interfaces	Yes - 7 slots	Yes - 6 slots	Yes - 5 slots	Yes - 4 slots
Supported Netmods	All - See Network Interface Modules for more information			
Management Interface	10/100/1000 RJ45			
Average Latency	<150 microseconds			
Memory (RAM)	128 GB	256 GB	384 GB	512 GB
Stackable	Yes			
Maximum Total Stack Size	4 - See 3D8390 for details			
Cooling Fans	6	12	18	24
Physical and Environmental				
Form Factor	2U	4U (2 x 2U)	6U (3 x 2U)	8U (4 x 2U)
Maximum Shipping Weight [2]	67 lbs (30.4 kg)	127 lbs (57.6 kg)	187 lbs (84.8 kg)	247 lbs (112 kg)
Dimensions Depth x Width x Height (inches)	28.92 x 17.01 x 3.47 [3]			
Current	11A maximum over the full range, per supply 5.5A maximum for 187VAC to 264VAC, per supply			
AC Voltage	100VAC to 240VAC nominal (85VAC to 264VAC maximum)			
DC Voltage	-48V			
Frequency range	47Hz to 63Hz			
Max Power Output	1000W [3]			
Average Power Consumption	635W [3]			
Operating Temperature	5°C - 40°C			
BTU Rating (per hour)	2900 [3]			
Air Flow	Front to back			
Operating Humidity	5% to 95%			
RoHS Compliant	Yes			

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

[2] Exact weight will vary depending on installed network modules

[3] Per chassis in stack

[4] Interfaces are modular. Count made using 1Gbps Netmods

[5] Stacking kit available



# 8100 and 8200 Series Appliances



## Shared features

- FirePOWER Acceleration
- Redundant Power Supplies
- Integrated Lights Out Management
- Solid State Storage
- Modular Interfaces

## Universal Security Platform

- Next Generation IPS (NGIPS)
- Next Generation IPS + App Control
- Next Generation Firewall (NGFW)
- URL Filtering subscription
- Advanced Malware Protection subscription



Performance and Functionality							
IPS Throughput [1]	2 Gbps	4 Gbps	6 Gbps	10 Gbps	20 Gbps	30 Gbps	40 Gbps
Firewall Only (No Threat Inspection) [1]	4 Gbps	8 Gbps	10 Gbps	20 Gbps	40 Gbps	60 Gbps	80 Gbps
New Connections/sec [1]	45,000	70,000	100,000	180,000	360,000	540,000	720,000
Max Concurrent Connections [1]	3,000,000	4,500,000	7,000,000	12,000,000	24,000,000	36,000,000	48,000,000
Max Monitoring Interfaces (1Gbps)	12	12	12	28	24	20	16
Modular Interfaces	Yes - 3 slots			Yes - 7 slots	Yes - 6 slots	Yes - 5 slots	Yes - 4 slots
Supported Netmods	1Gbps copper, 1Gbps fiber, 10Gbps SR, 10Gbps LR			All - See Network Interface Modules for more information			
Management Interface	10/100/1000 RJ45			10/100/1000 RJ45			
Average Latency	<150 microseconds			<150 microseconds			
Memory (RAM)	24 GB			48 GB	96 GB	144 GB	192 GB
Stackable	No	No	Yes	Yes			
Maximum Total Stack Size	N/A	N/A	2	4 - See 3D8290 for details			
Cooling Fans	10			6	12	18	24
Physical and Environmental							
Form Factor	1U			2U	4U (2 x 2U)	6U (3 x 2U)	8U (4 x 2U)
Maximum Shipping Weight [2]	54 lbs (24.5 kg)			67 lbs (30.4 kg)	127 lbs (57.6 kg)	187 lbs (84.8 kg)	247 lbs (112 kg)
Dimensions Depth x Width x Height (inches)	27.25 x 16.93 x 1.7			28.92 x 17.01 x 3.47 [3]			
Current	8A maximum over the full range, per supply 4A maximum for 187VAC to 264VAC, per supply			10A maximum over the full range, per supply 5A maximum for 187VAC to 264VAC, per supply			
AC Voltage	100VAC to 240VAC nominal (85VAC to 264VAC maximum)			100VAC to 240VAC nominal (85VAC to 264VAC maximum)			
DC Voltage	-48V			-48V			
Frequency range	47Hz to 63Hz			47Hz to 63Hz			
Max Power Output	650W			750W [3]			
Average Power Consumption	400W			550W [3]			
Operating Temperature	10°C - 35°C			10°C - 35°C			
BTU Rating (per hour)	1725			2225 [3]			
Air Flow	Front to back			Front to back			
Operating Humidity	5% to 85%			5% to 85%			
RoHS Compliant	Yes			Yes			

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

[2] Exact weight will vary depending on installed network modules

[3] Per chassis in stack

[4] Interfaces are modular. Count made using 1Gbps Netmods

[5] Stacking kit available

# 7100 Series Appliances



3D7110

3D7120

3D7115

3D7125

## Shared features

- FirePOWER Acceleration
- LCD Control Panel
- Integrated Lights Out Management
- Solid State Storage

## Universal Security Platform

- Next Generation IPS (NGIPS)
- Next Generation IPS + App Control
- Next Generation Firewall (NGFW)
- Advanced Malware Protection (AMP)
- URL Filtering subscription



Performance and Functionality				
	3D7110	3D7120	3D7115	3D7125
IPS Throughput [1]	500 Mbps	1 Gbps	750 Mbps	1.25 Gbps
Firewall Only [1] (No Threat Inspection)	1 Gbps	2 Gbps	1.5 Gbps	2.5 Gbps
New Connections/Sec [1]	20,000	35,000	27,500	42,500
Max Concurrent Connections [1]	1,000,000	2,000,000	1,500,000	2,500,000
Modular Interfaces	No		8 SFP Sockets	
Monitoring Interfaces	8		12	
Monitoring Interfaces	2 options: 8 x 1 Gbps copper, 8 x 1 Gbps fiber SX		4 x 1 Gbps copper and 8 SFP sockets w/ 3 transceiver choices: -- 1 Gbps copper -- 1 Gbps fiber SX -- 1 Gbps fiber LX	
Programmable Fail Open Interfaces	Yes	Yes	Yes – 4 x 1 Gbps copper	Yes – 4 x 1 Gbps copper
Management Interface	10/100/1000 RJ45	10/100/1000 RJ45	10/100/1000 RJ45	10/100/1000 RJ45
Memory (RAM)	16 GB	16 GB	16 GB	16 GB
Stackable	No	No	No	No
Dual Power Supplies	Yes	Yes	Yes	Yes
Cooling Fans	5	5	5	5
Physical and Environmental				
Form Factor	1U		1U	
Dimensions Depth x Width x Height (inches)	21.6 x 19.0 x 1.73		21.6 x 19.0 x 1.73	
Maximum Shipping Weight	27.5 lbs. (12.5 kg)		29.0 lbs. (13.2 Kg)	
AC Voltage	100 VAC to 240 VAC nominal (85 VAC to 264 VAC maximum)			
Current	8A maximum over the full range, per supply, 4A maximum for 187 VAC to 264 VAC, per supply			
Max Power Output	450W		450W	
Average Power Consumption	200W		200W	
Operating Temperature	5°C - 40°C		5°C - 40°C	
Frequency Range	47Hz to 63Hz		47Hz to 63Hz	
Air Flow	Front to back		Front to back	
BTU/Hour rating (heavy load)	900		900	
Operating Humidity	5% to 85%, non-condensing		5% to 85%, non-condensing	
RoHS Compliant	Yes		Yes	

# 7000 Series Appliances



3D7010



3D7020



3D7030

## Shared features

- FirePOWER Acceleration
- LCD Control Panel
- Integrated Lights Out Management
- Solid State Storage

## Universal Security Platform

- Next Generation IPS (NGIPS)
- Next Generation IPS + App Control
- Next Generation Firewall (NGFW)
- Advanced Malware Protection (AMP)
- URL Filtering subscription



Performance and Functionality			
IPS Throughput [1]	50 Mbps	100 Mbps	250 Mbps
Firewall Only [1] (No Threat Inspection)	100	200	500
New Connections/Sec [1]	1,000	2,000	5,000
Max Concurrent Connections [1]	100,000	200,000	500,000
Modular Interfaces	No	No	No
Monitoring Interfaces	8	8	8
Monitoring Interfaces	8 x 1 Gbps Copper	8 x 1 Gbps Copper	8 x 1 Gbps Copper
Programmable Fail Open Interfaces	Yes	Yes	Yes
Management Interface	10/100/1000 RJ45	10/100/1000 RJ45	10/100/1000 RJ45
Memory (RAM)	4 GB	4 GB	4 GB
Stackable	No	No	No
Dual Power Supplies	No	No	No
Cooling Fans	2	2	2
Physical and Environmental			
Form Factor	1/2U (two devices side-by-side, in a 1U tray)		
Dimensions Depth x Width x Height (inches)	1U Tray - 1.73 X 17.24 x 25.05		
Maximum Shipping Weight	18.2 lbs. (8.3 kg)		
AC Voltage	100 VAC to 240 VAC nominal (90 VAC to 264 VAC maximum)		
Current	2A maximum over the full range		
Max Power Output	150W		
Average Power Consumption	70W		
Operating Temperature	0°C - 40°C		
Frequency Range	50/60 Hz nominal (47Hz to 63Hz maximum)		
Air Flow	Front/side to back		
BTU/Hour rating (heavy load)	290		
Operating Humidity	5% to 95%, non-condensing		
RoHS Compliant	Yes		

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



# NEW – Dedicated AMP for Networks Appliances



**AMP7150**

**AMP8150**

## Shared features

- FirePOWER Acceleration
- LCD Control Panel
- Integrated Lights Out Management
- Solid State Storage
- Requires Sourcefire FireSIGHT Management Center

## Optimized for network-based advanced malware protection

## AMP leadership in NSS Labs Breach Detection Systems Testing \*:

- Leading overall detection rate
- Best time to detection
- Best TCO per protected Mbps
- Leading Security Value Map (SVM) position

\* 2014 NSS Labs Breach Detection Systems

Performance and Functionality		
	AMP7150	AMP8150
Advanced Malware Protection Throughput [1]	500 Mbps	2 Gbps
IPS Throughput [1]	500 Mbps	2 Gbps
Firewall Only [1] (No Threat Inspection)	1 Gbps	4 Gbps
New Connections/Sec [1]	42,500	45,000
Max Concurrent Connections [1]	2,500,000	3,000,000
Max Monitoring Interfaces	12	12 (3 x 4-Port RJ45 NetMods)
Fixed Monitoring Interfaces	4 x 10/100/1000 (RJ45)	0
Modular Interfaces	8 SFP Sockets	Yes (Requires NetMods)
NetMod Expansion Slots	0	3
Programmable Fail Open Interfaces	4 x 10/100/1000 (RJ45)	1 x 10/100/1000 (RJ45)
Management Interface	1 x 10/100/1000 (RJ45)	1 x 10/100/1000 (RJ45)
Average Latency	< 150 microseconds	< 150 microseconds
Memory (RAM)	32 GB	96 GB
Storage Capacity (SSD)	120 GB	400 GB
Stackable	No	No
Power Supplies	2 (Hot Swappable)	2 (Hot Swappable)
Cooling Fans	5	10
Form Factor	1U	1U
Dimensions Depth x Width x Height (inches)	21.6 x 19.0 x 1.73	27.25 x 16.93 x 1.7
Maximum Shipping Weight	29.0 lbs. (13.2 kg)	54.0 lbs. (24.5 Kg)
AC Voltage	100 – 240 VAC nominal, 90 – 264 VAC max	100- 240 VAC nominal, 85 – 264 VAC max
Current	8A maximum over the full range	8A maximum over the full range
DC Voltage Option	No	Yes
Max Power Output	450W	650W
Average Power Consumption	200W	400W
Operating Temperature	5°C - 40°C	10°C - 35°C
Frequency Range	47Hz to 63Hz	47Hz to 63Hz
Air Flow	Front to back	Front to back
BTU/Hour rating (heavy load)	900 BTU	1725 BTU
Operating Humidity	5% to 85%, non-condensing	5% to 85%, non-condensing
RoHS Compliant	Yes	Yes

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



# Defense Center



## Shared features

- Integrated Lights Out Management
- Central Management of Sourcefire Next Generation Security Solutions NGIPS, NGIPS + App Control, NGFW



	DC750	DC1500	DC3500
<b>Performance and Functionality</b>			
Maximum Sensors Managed [1]	10	35	150
Maximum Network Map Size - Hosts	2,000	50,000	300,000
Maximum Network Map Size - Users	2,000	50,000	300,000
Maximum IPS Event Storage	20 Million	30 Million	150 Million
Maximum IPS Event Rate (per second)	2,000	6,000	10,000
Maximum Flow Data Rate (per second)	2,000	6,000	10,000
Management Interface	10/100/1000 RJ45		10/100/1000 RJ45
Memory (RAM)	2 GB	6 GB	12 GB
Event Storage Space	100 GB	125 GB	400 GB
Can function as Master Defense Center	No	No	Yes
<b>Redundancy Features</b>			
Supports High Availability	No	Yes	Yes
Dual Power Supplies	No	No	Yes
RAID Support	No	RAID 1	RAID 5
<b>Physical and Environmental</b>			
Form Factor	1U	1U	1U
Dimensions Depth x Width x Height (inches)	27.19 x 16.9 x 1.7	27.19 x 16.9 x 1.7	27.19 x 16.9 x 1.7
Shipping Weight	33 lbs. (15 kg)	34 lbs. (15.4 kg)	38 lbs. (17.2 kg)
Watts (max)	350W	600W	650W
Power Supply	9.5 Amp max at 110 Volts, 50/60 Hz 4.75 Amp max at 220 Volts, 50/60 Hz		12 Amp max at 110 Volts, 50/60 Hz 6 Amp max at 220 Volts, 50/60 Hz
BTU rating (per hour)	1660	2550	2550
Airflow	Front to back	Front to back	Front to back
Operating Temperature	10°C - 35°C	10°C - 35°C	10°C - 35°C
RoHS	Yes		Yes

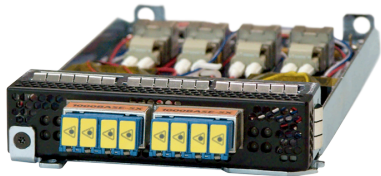
[1] Maximum number of sensors is dependent upon sensor type and event rate.



# 8000 Series Network Modules – Configurable Bypass



	NM-C4-0	NM-FX4-0	NM-SR2-0	NM-LR2-0	NM-40GBE-SR4-0	Stacking Module
<b>Type</b>	1000BASE-T	1000BASE-SX	10GBASE-MMSR	10GBASE-SMLR	40G-BASE-SR4	Used to stack 8000 Series Appliances
<b>Mode</b>	Multi-mode	Multi-mode	Multi-mode	Single-mode	Multi-mode	N/A
<b>Range</b>	Short	Short	Short	Long	Short	N/A
<b>Interfaces</b>	4	4	2	2	2	2
<b>Interface Speed</b>	1 Gbps	1 Gbps	10 Gbps	10 Gbps	40 Gbps	N/A
<b>Integrated Fail-open</b>	Yes	Yes	Yes	Yes	Yes	N/A
<b>Fail-open State</b>	Crossover	N/A (Fiber)	N/A (Fiber)	N/A (Fiber)	N/A (Fiber)	N/A
<b>Slots required</b>	1	1	1	1	2	1
<b>Connector</b>	Copper RJ45	LC	LC	LC	LC	N/A
<b>Wavelength</b>	N/A	850 nm	850 nm	1310 nm	850 nm	N/A



# 8000 Series Network Modules – Non-Bypass



	NM-C4-FW-0	NM-FX4-FW-0	NM-SR4-FW-0	NM-LR4-FW-0
<b>Type</b>	1000BASE-T	1000BASE-SX	10GBASE-MMSR	10GBASE-SMLR
<b>Mode</b>	Multi-mode	Multi-mode	Multi-mode	Single-mode
<b>Range</b>	Short	Short	Short	Long
<b>Interfaces</b>	4	4	4	4
<b>Interface Speed</b>	1 Gbps	1 Gbps	10 Gbps	10 Gbps
<b>Integrated Fail-open</b>	No	No	No	No
<b>Slots required</b>	1	1	1	1
<b>Connector</b>	Copper RJ45	LC	LC	LC
<b>Wavelength</b>	N/A	850 nm	850 nm	1310 nm

# SSL Appliances



SSL Appliance 1500

SSL Appliance 2000

SSL Appliance 8200

<b>Performance and Functionality</b>			
SSL Decryption throughput	1.5 Gbps	2.5 Gbps	3.5 Gbps
Total throughput (SSL and non-SSL)	4 Gbps	10 Gbps	20 Gbps
Monitoring Interfaces	Choice of; 8 x 1Gbps Copper or; 8 x 1Gbps Fiber	Any module combination (max 3): 4 x 1Gbps Copper; 4 x 1Gbps Fiber; 2 x 10Gbps SR	Any module combination (max 7): 4 x 1Gbps Copper; 4 x 1Gbps Fiber; 2 x 10Gbps SR
Management Interfaces	10/100/1000 RJ45	10/100/1000 RG45	10/100/1000 RG45
Max Concurrent SSL flows inspected	100,000	200,000	300,000
Total Simultaneous flows	1,000,000	3,000,000	5,000,000
SSL Setups & Teardowns	6,500/Sec	9,500/Sec	9,500/Sec
Typical Latency (Non SSL cut-through)	< 40 Microseconds	< 40 Microseconds	< 150 Microseconds
Memory (RAM)	16 GB	24 GB	48 GB
Storage	40 GB SSD	64 GB SSD	64 GB SSD
<b>Redundancy Features</b>			
Dual Power Supplies	Yes	Yes	Yes
Cooling Fans	5	10	6
<b>Physical and Environmental</b>			
Form Factor	1U	1U	2U
Dimensions Depth x Width x Height (inches)	21.6 x 19.0 x 1.73	27.25 x 16.93 x 1.7	28.92 x 17.01 x 3.47
Shipping Weight [1]	27.5 lbs. (12.5 kg)	54 lbs. (24.5 kg)	67 lbs. (30.4 kg)
Amps	8A maximum over the full range, per supply 4A maximum for 187VAC to 264VAC, per supply	8A maximum over the full range, per supply 4A maximum for 187VAC to 264VAC, per supply	10A maximum over the full range, per supply 5A maximum for 187VAC to 264VAC, per supply
Voltage	120V/240V	120V/240V	100 VAC to 240 VAC nominal (85 VAC to 264 VAC maximum)
Watts (max)	450W	Dual 650W	Dual 750W
Operating Temperature	5°C - 40°C	10°C - 35°C	10°C - 35°C

[1] Exact weight will vary depending on installed network modules



# Virtual Network Security

- Inspects intra-vSwitch communications
- Inline or passive deployment
- OVF format for fast deployment
- Defense Center functionality manages up to 25 physical and/or virtual 3D sensors
- Supports NGIPS, NGFW and Sourcefire contextual awareness technologies

	Virtual 3D Appliance (64bit)	Virtual 3D Appliance (32bit)	Virtual Defense Center (64bit)	Virtual Defense Center (32bit)
<b>Performance and Functionality</b>				
Supported Line Speed (IPS) [1]	150 Mbps – 200 Mbps per core	150 Mbps – 200 Mbps per core	-	-
Management Interface	Virtual	Virtual	Virtual	Virtual
Maximum IPS events stored	-	-	10,000,000	10,000,000
Maximum 3D Sensors managed [3]	-	-	25	25
Maximum Flow events stored	-	-	10,000,000	10,000,000
Maximum Network Map Size (Users)	-	-	50,000	50,000
Maximum Network Map Size (Hosts)	-	-	50,000	50,000
Disk space required (minimum)	40 GB	20 GB	250 GB (thin provisioned)	80 GB
Memory required (minimum)	4 GB (6 GB with Security Intelligence)	1 GB	4 GB	1 GB
Virtual CPUs required (minimum)	4	1	4	1
Virtual Platform Support [2]	VMware	VMware, Xen & RHEV	VMware	VMware, Xen & RHEV

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

[2] Contact Sourcefire for more details about platform requirements

[3] Maximum number of sensors is dependent upon sensor type and event rate

