

McAfee Network Security Platform

A uniquely intelligent approach to network security

McAfee® Network Security Platform is a uniquely intelligent security solution that discovers and blocks sophisticated threats in the network. Using advanced detection and emulation techniques, it moves beyond mere pattern matching to defend against stealthy attacks with a high degree of accuracy. This next-generation hardware platform scales to speeds of more than 40 Gbps with a single device to meet the needs of demanding networks. Our Unified Defense Architecture approach to security management streamlines security operations by combining real-time McAfee Global Threat Intelligence feeds with rich contextual data about users, devices, and applications for fast, accurate response to network-borne attacks.

Protection Against Today's Stealthy Threats

Your network faces advanced, stealthy attacks that can evade traditional detection methods, leaving your network exposed to crippling breaches and downtime. Unfortunately, most organizations lack the financial and operational resources to implement and manage the combination of tools and technologies required to provide adequate defense.

McAfee Network Security Platform is an integrated network security platform that combines intelligent threat prevention with intuitive security management to improve detection accuracy and streamline security operations. It provides industry-leading coverage against advanced threats, malware callbacks, zero-day threats, and denial-of-service (DoS) attacks. Built

from the ground up for integration with the Unified Defense Architecture from McAfee, McAfee Network Security Platform leverages security data from across the organization and helps plug the security gaps often missed by other pieced-together security solutions.

Unparalleled Threat Prevention

McAfee Network Security Platform is based on a next-generation inspection architecture designed to perform deep inspection of network traffic while maintaining line-rate speeds. It uses a combination of advanced inspection technologies—including full protocol analysis, threat reputation, behavior analysis, and advanced malware analysis to detect and prevent both known and zero-day attacks on the network.

Key Advantages

Unparalleled advanced threat prevention

- Signature-less, advanced malware analysis
- Inline browser and JavaScript emulation
- Advanced botnet and malware callback detection
- Behavior-based analysis and distributed denial-of-service (DDoS) protection
- Outbound SSL decryption
- Integration with McAfee Advanced Threat Defense and McAfee Cloud Threat Detection
- Whitelisting based on McAfee Global Threat Intelligence categories

Unified defense architecture

- Real-time threat sharing with McAfee Threat Intelligence Exchange
- Endpoint context via McAfee® ePolicy Orchestrator® (McAfee ePO™) software

DATA SHEET

Comprehensive Malware Defense

No single malware detection technology can prevent all attacks, which is why McAfee Network Security Platform layers multiple signature and signature-less detection engines to help prevent unwanted malware from wreaking havoc on your network. It combines file reputation from McAfee Global Threat Intelligence, deep file analysis with JavaScript inspection, and an advanced anti-malware engine to detect custom malware and other stealthy attacks.

Unified Defense Architecture

Getting your hands on the data you need has never been easier. McAfee offers real-time integration with McAfee ePO software and McAfee Enterprise Security Manager for real-time correlation of network events across all relevant sources. Through integration with McAfee ePO software and McAfee Enterprise Security Manager, McAfee Network Security Platform gets an accurate view of threats as they relate to devices and users and determines which ones present the greatest risk to the organization. The solution incorporates device details, user information, endpoint security posture, vulnerability assessments, and other rich information to help organizations understand threat severity and business risk factors.

Performance and Scalability

Get the best of both worlds—security and high performance. McAfee Network Security Platform combines a single-pass, protocol-based inspection architecture with purpose-built, carrier-class hardware to achieve real-world inspection of more than 40 Gbps in a single device. Its ultra-efficient architecture

preserves performance regardless of security settings, while other intrusion prevention system (IPS) solutions can experience up to 50% reduction in throughput with security-over-performance policies.

Visibility and Control

Make informed decisions about the applications and protocols on your network. McAfee Network Security Platform is the first and only IPS solution to combine advanced threat prevention and application awareness into a single security decision engine. We correlate threat activity with application usage, including layer 7 visibility of more than 1,500 applications and protocols, to allow you to make more informed decisions about which applications you allow on your network. In addition to application identification, McAfee Network Security Platform provides user and device visibility. It prioritizes risky hosts and users, including active botnets, through the identification of anomalous network behavior.

Intelligent Security Management

Make the most of your security investment through intelligent network security management. McAfee Network Security Manager offers scalable web-based management from two to several hundred network security appliances. It offers intuitive progressive disclosure workflows that guide administrators to relevant alerts, as well as easy-to-use security dashboards that automatically prioritize events based on alert severity and relevancy. McAfee Network Security Platform integrates with McAfee ePO software to give your organization a consolidated view of risk and compliance across the entire enterprise, including up-to-the-minute assessments of at-risk infrastructure based on system vulnerabilities, network defenses, and endpoint security levels.

- Endpoint process correlation via McAfee Endpoint Intelligence Agent
- Data sharing and quarantine with McAfee Enterprise Security Manager (SIEM)
- Host risk analysis via McAfee Vulnerability Manager
- Predictive malware detection via McAfee Global Threat Intelligence

Performance and availability

- Next-generation architecture
- Up to 40 Gbps throughput
- Unrivaled SSL inspection performance
- Industry-leading reliability
- Active-active and active-passive availability

Intelligent security management

- Intelligent alert correlation and prioritization
- Robust malware investigation dashboards
- Preconfigured investigation workflows
- Scalable web-based management

Visibility and control

- Application identification
- User identification
- Device identification

DATA SHEET

Additional Features

Advanced threat prevention

- McAfee Gateway Anti-Malware Emulation engine
- PDF JavaScript emulation engine
- Adobe Flash behavioral analysis engine
- Advanced evasion protection
- Mobile threat reputation and cloud analysis
- Outbound SSL decryption (NS-series)

Botnet and malware callback protection

- DNS/DGA Fast flux callback detection
- DNS sinkholing
- Heuristic bot detection
- Multiple attack correlation
- Command and control database

Advanced intrusion prevention

- IP defragmentation and TCP stream reassembly
- McAfee, user-defined, and open-source signatures
- Host quarantine and rate limiting
- Inspection of virtual environments
- Integration with McAfee Advanced Threat Defense
- HTTP Response Decompression Support

DoS and DDoS prevention

- Threshold and heuristic-based detection
- Host-based connection limiting
- Self-learning, profile-based detection

McAfee Global Threat Intelligence

- File reputation
- IP reputation
- Application and protocol reputation
- Geo-location

High availability

- Active-active and active-passive with stateful failover
- External fail-open (active)
- Built-in fail-open

Protocol tunneling support

- IPv6
- V4-in-V4, V4-in-V6, V6-in-V4, and V6-in-V6 tunnels
- MPLS
- GRE
- Q-in-Q Double VLAN

McAfee Network Security Manager

- Tiered management (up to 1,000 sensors)
- User authentication (RADIUS and LDAP)
- Automated failover and fail-back
- Disaster recovery of critical configuration data
- Centralized, hierarchical policy management
- Ability to integrate with McAfee Cloud Threat Detection to submit unknown files
- Memory dashboard details memory utilization by device



McAfee Network Security Platform Helps You:

Close security holes:

- Block malicious network activity
- Prevent stealthy attacks
- Detect advanced malware

Reduce management headache:

- Automatically prioritize events
- Streamline investigative workflows
- Eliminate unnecessary tuning

Adapt to the network:

- 1 GigE, 10 GigE, and 40 GigE connectivity
- Scale to 40 Gbps
- Active-active and active-passive availability

DATA SHEET

Network Security Platform Specifications

Next-Generation Hardware



Sensor Hardware Components

NS9300

NS9200

NS9100

| Performance | | | |
|---|--|--|--|
| Aggregate Performance | 40 Gbps | 20 Gbps | 10 Gbps |
| Maximum Throughput (UDP 1512 byte packets) | Up to 70 Gbps | Up to 35 Gbps | Up to 30 Gbps |
| Maximum Concurrent Connections | 32,000,000 | 16,000,000 | 13,000,000 |
| Connections per Second | 1,000,000 | 575,000 | 450,000 |
| HTTP Connections per Second | 750,000 | 375,000 | 260,000 |
| Throughput with SSL Decryption (based on 10% SSL traffic) | 40 Gbps | 20 Gbps | 10 Gbps |
| Maximum SSL Flow Count | 3,200,000 | 1,600,000 | 1,200,000 |
| SSL Keys Imported | 1,024 | 1,024 | 1,024 |
| Typical Latency | Less than 100 µs | Less than 100 µs | Less than 100 µs |
| Number of Virtual IPS Systems | 1,000 | 1,000 | 1,000 |
| Maximum DoS Profiles | 5,000 | 5,000 | 5,000 |
| ACL Rules | 20,000 | 20,000 | 20,000 |
| Ports | | | |
| Fixed Gigabit Ethernet—Copper Ports (internal fail-open) | 16 | 8 | 8 |
| Fixed 10 GigE/1 GigE (SFP+) Ports | — | — | — |
| Fixed 40 Gigabit Ethernet | — | 2 | 2 |
| Network I/O Slots | 4 | 2 | 2 |
| Network I/O Modules (eight options) | 4-port 10 GigE/1 GigE SR Optical 50 micron with fail-open, 4-port 10 GigE/1 GigE SR Optical 62.5 micron with fail-open, 4-port (QSFP+) 40 GigE, 2-port (QSFP+) 40 GigE, 8-port (SFP+/SFP) 10 GigE/1 GigE, 6-port (RJ45) 1 GigE (with internal fail-open), 4-port (RJ45) 10 GigE/1 GigE/100 Mbps (with internal fail-open), or 4-port 10 GigE/1 GigE LR Optical with fail-open | 4-port 10 GigE/1 GigE SR Optical 50 micron with fail-open, 4-port 10 GigE/1 GigE SR Optical 62.5 micron with fail-open, 4-port (QSFP+) 40 GigE, 2-port (QSFP+) 40 GigE, 8-port (SFP+/SFP) 10 GigE/1 GigE, or 6-port (RJ45) 1 GigE (with internal fail-open) | 4-port 10 GigE/1 GigE SR Optical 50 micron with fail-open, 4-port 10 GigE/1 GigE SR Optical 62.5 micron with fail-open, 4-port (QSFP+) 40 GigE, 2-port (QSFP+) 40 GigE, 8-port (SFP+/SFP) 10 GigE/1 GigE, or 6-port (RJ45) 1 GigE (with internal fail-open) |

DATA SHEET

| | | | |
|--------------------------------------|---|---|---|
| 10 Gigabit Ethernet | Up to 32 | Up to 16 | Up to 16 |
| 40 Gigabit Ethernet | Up to 16 | Up to 10 | Up to 10 |
| Dedicated Response Ports (RJ45) | 1 (10G/1G/100M) | 1 (10G/1G/100M) | 1 (10G/1G/100M) |
| Dedicated Management Ports (RJ45) | 1 (10G/1G/100M) | 1 (10G/1G/100M) | 1 (10G/1G/100M) |
| Dedicated Storage Ports (RJ45) | 1 (10G/1G/100M) | 1 (10G/1G/100M) | 1 (10G/1G/100M) |
| Physical | | | |
| Dimensions | 2 x 2RU Rack Mountable 17.24" (W) x 6.88" (H) x 28.76" (D) | 2RU Rack Mountable 17.24" (W) x 3.44" (H) x 28.76" (D) | 2RU Rack Mountable 17.24" (W) x 3.44" (H) x 28.76" (D) |
| Weight | 134 lbs. | 67 lbs. | 67 lbs. |
| Storage | 600 GB (2 x Dual Solid State 300 GB in RAID 1 Configuration) | Dual Solid State 300 GB in RAID 1 Configuration | Dual Solid State 300 GB in RAID 1 Configuration |
| Maximum Power Consumption | 2260W | 1130W | 1130W |
| DC Power Available | Optional | Optional | Optional |
| Redundant Power Supply | Included | Included | Optional |
| Power | 100—240 VAC (50/60Hz) | | |
| Temperature | 0° C to 35° C (operating) -40° C to 70° C (non-operating) | | |
| Relative Humidity (non-condensing) | Operational: 10% to 90% Non-operational: 5% to 95% | | |
| Altitude | 0 to 10,000 feet | | |
| Product Regulatory Compliance | | | |
| Safety Certification | UL 60950-1 (USA); CSA 22.1.No. 60950-1 (Canada); EN 60950-1 (Europe); CNS 14336-1 (Taiwan); KN32 and KN35 (South Korea); GB 4943-1 and GB 17625.1 (China) IEC 60950-1 (International)—CB Scheme certificate and test report covering all applicable country deviations; IEC 60825 and 21CFR1040 | | |
| EMI Certification | FCC Part 15 Subpart B Class A (USA); CAN ICES-3 Class A (Canada); EN 55022, EN 55032, EN 55024, EN61000-3-2, EN61000-3-3 (Europe and International) VCCI Class A (Japan); AS/NZS CISPR 32 (Australia and New Zealand); CNS 13438 (Taiwan); GB 9254-2008 (China) | | |
| ROHS Compliance | Restriction of Hazardous Substances Compliance per applicable directives and standards (Europe, China, Taiwan, and International) | | |

DATA SHEET

Network Security Platform Specifications



Sensor Hardware Components

NS7350

NS7250

NS7150

| Performance | NS7350 | NS7250 | NS7150 |
|---|-----------------------|---|-----------------------|
| Aggregate Performance | 5 Gbps | 3 Gbps | 1.5 Gbps |
| Maximum Throughput (UDP 1512 byte packets) | Up to 10 Gbps | Up to 8 Gbps | Up to 5 Gbps |
| Maximum Concurrent Connections | 10,000,000 | 5,000,000 | 3,000,000 |
| Connections per Second | 125,000 | 155,000 | 135,000 |
| HTTP Connections per Second | 95,000 | 105,000 | 115,000 |
| Throughput with SSL Decryption (based on 10% SSL traffic) | 5 Gbps | 3 Gbps | 1.5 Gbps |
| Maximum SSL Flow Count | 500,000 | 400,000 | 250,000 |
| SSL Keys Imported | 1,024 | 1,024 | 1,024 |
| Typical Latency | Less than 100 μ s | Less than 100 μ s | Less than 100 μ s |
| Number of Virtual IPS Systems | 1,000 | 1,000 | 1,000 |
| Maximum DoS Profiles | 5,000 | 5,000 | 5,000 |
| ACL Rules | 5,000 | 3,000 | 3,000 |
| Ports | | | |
| Fixed Gigabit Ethernet—Copper Ports (internal fail-open) | 8 | 8 | 8 |
| Fixed 10 GigE/1 GigE (SFP+) Ports | 2 | 2 | 2 |
| Fixed 40 Gigabit Ethernet | — | — | — |
| Network I/O Slots | 2 | 2 | 2 |
| Network I/O Modules (six options) | | 4-port 10 GigE/1 GigE SR Optical 50 micron with fail-open, 4-port 10 GigE/1 GigE SR Optical 62.5 micron with fail-open, 4-port 10 GigE/1 GigE LR Optical with fail-open, 8-port (SFP+/SFP) 10 GigE/1 GigE, 6-port (RJ45) 1 GigE with internal fail-open, or 4-port (RJ45) 10 GigE/1 GigE/100 Mbps (with internal fail-open) | |
| 10 Gigabit Ethernet | Up to 18 | Up to 18 | Up to 18 |
| 40 Gigabit Ethernet | — | — | — |
| Dedicated Response Ports (RJ45) | 1 (10G/1G) | 1 (10G/1G) | 1 (10G/1G) |
| Dedicated Management Ports (RJ45) | 1 (10G/1G) | 1 (10G/1G) | 1 (10G/1G) |
| Dedicated Storage Ports (RJ45) | — | — | — |

DATA SHEET

| Physical | | | |
|--------------------------------------|--|-------------------------------------|-------------------------------------|
| Dimensions | 17.31" (W) x 1.75" (H) x 29.13" (D) | 17.31" (W) x 1.75" (H) x 29.13" (D) | 17.31" (W) x 1.75" (H) x 29.13" (D) |
| Weight | 28 lbs. | 28 lbs. | 28 lbs. |
| Storage | Solid State 240 GB | Solid State 240 GB | Solid State 240 GB |
| Maximum Power Consumption | 300W | 300W | 300W |
| DC Power Available | Optional | Optional | Optional |
| Redundant Power Supply | Optional | Optional | Optional |
| Power | 100-240 VAC (50 / 60Hz) | | |
| Temperature | 0° C to 35° C (operating) -40° C to 70° C (non-operating) | | |
| Relative Humidity (non-condensing) | Operational: 10% to 90% Non-operational: 5% to 95% | | |
| Altitude | 0 to 10,000 feet | | |
| Product Regulatory Compliance | | | |
| Safety Certification | UL 60950-1 (USA); CSA 22.1.No. 60950-1 (Canada); EN 60950-1 (Europe); CNS 14336-1 (Taiwan); KN32 and KN35 (South Korea); GB 4943-1 and GB 17625.1 (China) IEC 60950-1 (International)—CB Scheme certificate and test report covering all applicable country deviations; IEC 60825 and 21CFR1040 | | |
| EMI Certification | FCC Part 15 Subpart B Class A (USA); CAN ICES-3 Class A (Canada); EN 55022, EN 55032, EN 55024, EN61000-3-2, EN61000-3-3 (Europe and International) VCCI Class A (Japan); AS/NZS CISPR 32 (Australia and New Zealand); CNS 13438 (Taiwan); GB 9254-2008 (China) | | |
| ROHS Compliance | Restriction of Hazardous Substances Compliance per applicable directives and standards (Europe, China, Taiwan, and International) | | |

DATA SHEET

Network Security Platform Specifications



| Sensor Hardware Components | NS7300 | NS7200 | NS7100 |
|--|------------------|---|------------------|
| Performance | | | |
| Aggregate Performance | 5 Gbps | 3 Gbps | 1.5 Gbps |
| Maximum Throughput (UDP 1512 byte packets) | Up to 15 Gbps | Up to 10 Gbps | Up to 5 Gbps |
| Maximum Concurrent Connections | 10,000,000 | 5,000,000 | 3,000,000 |
| Connections per Second | 225,000 | 200,000 | 135,000 |
| HTTP Connections per Second | 135,000 | 128,000 | 115,000 |
| Throughput with SSL Decryption (based on 10% SSL traffic) | 5 Gbps | 3 Gbps | 1.5 Gbps |
| Maximum SSL Flow Count | 500,000 | 400,000 | 250,000 |
| SSL Keys Imported | 1,024 | 1,024 | 1,024 |
| Typical Latency | Less than 100 µs | Less than 100 µs | Less than 100 µs |
| Number of Virtual IPS Systems | 1,000 | 1,000 | 1,000 |
| Maximum DoS Profiles | 5,000 | 5,000 | 5,000 |
| ACL Rules | 5,000 | 3,000 | 3,000 |
| Ports | | | |
| Fixed Gigabit Ethernet—Copper Ports (internal fail-open) | 8 | 8 | 8 |
| Fixed 10 GigE/1 GigE (SFP+) Ports (external passive fail-open kit support) | 2 | 2 | 2 |
| Fixed 40 Gigabit Ethernet | — | — | — |
| Network I/O Slots | 2 | 2 | 2 |
| Network I/O Modules (six options) | | 4-port 10 GigE/1 GigE SR Optical 50 micron with fail-open, 4-port 10 GigE/1 GigE SR Optical 62.5 micron with fail-open, 4-port 10 GigE/1 GigE LR Optical with fail-open, 8-port (SFP+/SFP) 10 GigE/1 GigE, 6-port (RJ45) 1 GigE with internal fail-open, or 4-port (RJ45) 10 GigE/1 GigE/100 Mbps (with internal fail-open) | |
| 10 Gigabit Ethernet | Up to 18 | Up to 18 | Up to 18 |
| 40 Gigabit Ethernet | — | — | — |
| Dedicated Response Ports (RJ45) | 1 (1G/100M/10M) | 1 (1G/100M/10M) | 1 (1G/100M/10M) |
| Dedicated Management Ports (RJ45) | 1 (1G/100M/10M) | 1 (1G/100M/10M) | 1 (1G/100M/10M) |
| Dedicated Storage Ports (RJ45) | 1 (1G/100M/10M) | 1 (1G/100M/10M) | 1 (1G/100M/10M) |

DATA SHEET

| Physical | | | |
|--------------------------------------|--|---|---|
| Dimensions | 1RU Rack Mountable 17.5" (W) x 1.69" (H) x 28.9" (D) | 1RU Rack Mountable 17.5" (W) x 1.69" (H) x 28.9" (D) | 1RU Rack Mountable 17.5" (W) x 1.69" (H) x 28.9" (D) |
| Weight | 31 lbs. | 31 lbs. | 29 lbs. |
| Storage | Solid State 160 GB | Solid State 160 GB | Solid State 160 GB |
| Maximum Power Consumption | 350W | 350W | 250W |
| DC Power Available | Optional | Optional | Optional |
| Redundant Power Supply | Optional | Optional | Optional |
| Power | 100-240 VAC (50 / 60Hz) | | |
| Temperature | 0° C to 35° C (operating) -40° C to 70° C (non-operating) | | |
| Relative Humidity (non-condensing) | Operational: 10% to 90% Non-operational: 5% to 95% | | |
| Altitude | 0 to 10,000 feet | | |
| Product Regulatory Compliance | | | |
| Safety Certification | UL 60950-1 (USA); CSA 22.1.No. 60950-1 (Canada); EN 60950-1 (Europe); CNS 14336-1 (Taiwan); KN32 and KN35 (South Korea); GB 4943-1 and GB 17625.1 (China) IEC 60950-1 (International)—CB Scheme certificate and test report covering all applicable country deviations; IEC 60825 and 21CFR1040 | | |
| EMI Certification | FCC Part 15 Subpart B Class A (USA); CAN ICES-3 Class A (Canada); EN 55022, EN 55032, EN 55024, EN61000-3-2, EN61000-3-3 (Europe and International) VCCI Class A (Japan); AS/NZS CISPR 32 (Australia and New Zealand); CNS 13438 (Taiwan); GB 9254-2008 (China) | | |
| ROHS Compliance | Restriction of Hazardous Substances Compliance per applicable directives and standards (Europe, China, Taiwan, and International) | | |

DATA SHEET

Network Security Platform Specifications



Sensor Hardware Components

| | NS5200 | NS5100 |
|--|-----------------------|-----------------------|
| Performance | | |
| Aggregate Performance | 1 Gbps | 600 Mbps |
| Maximum Throughput (UDP 1512 byte packets) | Up to 3 Gbps | Up to 1.5 Gbps |
| Maximum Concurrent Connections | 1,350,000 | 750,000 |
| Connections per Second | 45,000 | 40,000 |
| HTTP Connections per Second | 30,000 | 25,000 |
| Throughput with SSL Decryption (based on 10% SSL traffic) | 1 Gbps | 600 Mbps |
| Maximum SSL Flow Count | 75,000 | 40,000 |
| SSL Keys Imported | 1,024 | 1,024 |
| Typical Latency | Less than 100 μ s | Less than 100 μ s |
| Number of Virtual IPS Systems | 1,000 | 100 |
| Maximum DoS Profiles | 5,000 | 300 |
| ACL Rules | 2,000 | 2,000 |
| Ports | | |
| Fixed Gigabit Ethernet—Copper Ports (internal fail-open) | 8 | 8 |
| Fixed 1 GigE (SFP) Ports | 12 | 12 |
| Fixed 10 GigE/1 GigE (SFP+) Ports (external passive fail-open kit support) | 2 | 2 |
| Fixed 40 Gigabit Ethernet | — | — |
| Network I/O Slots | — | — |
| Network I/O Modules | — | — |
| 10 Gigabit Ethernet | — | — |
| 40 Gigabit Ethernet | — | — |
| Dedicated Response Ports (RJ45) | 1 (1G/100M) | 1 (1G/100M) |
| Dedicated Management Ports (RJ45) | 1 (1G/100M) | 1 (1G/100M) |
| Dedicated Storage Ports (RJ45) | 1 (1G/100M) | 1 (1G/100M) |

DATA SHEET

| Physical | | |
|--------------------------------------|--|--|
| Dimensions | 1RU Rack Mountable 17.25" (W) x 1.75" (H) x 24.625" (D) | 1RU Rack Mountable 17.25" (W) x 1.75" (H) x 24.625" (D) |
| Weight | 22 lbs. | 22 lbs. |
| Storage | Solid State 80 GB | Solid State 80 GB |
| Maximum Power Consumption | 225W | 225W |
| DC Power Available | Optional | Optional |
| Redundant Power Supply | Optional | Optional |
| Power | 100—240 VAC (50/60Hz) | |
| Temperature | 0° C to 35° C (operating) -40° C to 70° C (non-operating) | |
| Relative Humidity (non-condensing) | Operational: 10% to 90% Non-operational: 5% to 95% | |
| Altitude | 0 to 10,000 feet | |
| Product Regulatory Compliance | | |
| Safety Certification | UL 60950-1 (USA); CSA 22.1.No. 60950-1 (Canada); EN 60950-1 (Europe); CNS 14336-1 (Taiwan); KN32 and KN35 (South Korea); GB 4943-1 and GB 17625.1 (China) IEC 60950-1 (International)—CB Scheme certificate and test report covering all applicable country deviations; IEC 60825 and 21CFR1040 | |
| EMI Certification | FCC Part 15 Subpart B Class A (USA); CAN ICES-3 Class A (Canada); EN 55022, EN 55032, EN 55024, EN61000-3-2, EN61000-3-3 (Europe and International) VCCI Class A (Japan); AS/NZS CISPR 32 (Australia and New Zealand); CNS 13438 (Taiwan); GB 9254-2008 (China) | |
| ROHS Compliance | Restriction of Hazardous Substances Compliance per applicable directives and standards (Europe, China, Taiwan, and International) | |

DATA SHEET

Network Security Platform Specifications



Sensor Hardware Components

| | NS3200 | NS3100 |
|--|-----------------------|-----------------------|
| Performance | | |
| Aggregate Performance | 200 Mbps | 100 Mbps |
| Maximum Throughput (UDP 1512 byte packets) | Up to 1 Gbps | Up to 600 Mbps |
| Maximum Concurrent Connections | 80,000 | 40,000 |
| Connections per Second | 20,000 | 15,000 |
| HTTP Connections per Second | 15,000 | 12,000 |
| Throughput with SSL Decryption (based on 10% SSL traffic) | — | — |
| Maximum SSL Flow Count | — | — |
| SSL Keys Imported | — | — |
| Typical Latency | Less than 100 μ s | Less than 100 μ s |
| Number of Virtual IPS Systems | 32 | 16 |
| Maximum DoS Profiles | 128 | 128 |
| ACL Rules | 1,000 | 1,000 |
| Ports | | |
| Fixed Gigabit Ethernet—Copper Ports (internal fail-open) | 8 | 8 |
| Fixed 1 GigE (SFP) Ports | — | — |
| Fixed 10 GigE/1 GigE (SFP+) Ports (external passive fail-open kit support) | — | — |
| Fixed 40 Gigabit Ethernet | — | — |
| Network I/O Slots | — | — |
| Network I/O Modules | — | — |
| 10 Gigabit Ethernet | — | — |
| 40 Gigabit Ethernet | — | — |
| Dedicated Response Ports (RJ45) | 1 (1G/100M) | 1 (1G/100M) |
| Dedicated Management Ports (RJ45) | 1 (1G/100M) | 1 (1G/100M) |
| Dedicated Storage Ports (RJ45) | 1 (1G/100M) | 1 (1G/100M) |

DATA SHEET

| Physical | | |
|------------------------------------|--|---|
| Dimensions | 1RU Rack Mountable 17.375" (W) x 1.75" (H) x 11.0" (D) | 1RU Rack Mountable 17.375" (W) x 1.75" (H) x 11.0" (D) |
| Weight | 8.1 lbs. | 8.1 lbs. |
| Storage | Solid State 30 GB | Solid State 30 GB |
| Maximum Power Consumption | 100W | 100W |
| DC Power Available | — | — |
| Redundant Power Supply | — | — |
| Power | 100—240 VAC (50/60Hz) | |
| Temperature | 0° C to 35° C (operating) -40° C to 70° C (non-operating) | |
| Relative Humidity (non-condensing) | Operational: 10% to 90% Non-operational: 5% to 95% | |
| Altitude | 0 to 10,000 feet | |
| Product Regulatory Compliance | | |
| Safety Certification | UL 60950-1 (USA); CSA 22.1.No. 60950-1 (Canada); EN 60950-1 (Europe); CNS 14336-1 (Taiwan); KN32 and KN35 (South Korea); GB 4943-1 and GB 17625.1 (China) IEC 60950-1 (International)—CB Scheme certificate and test report covering all applicable country deviations; IEC 60825 and 21CFR1040 | |
| EMI Certification | FCC Part 15 Subpart B Class A (USA); CAN ICES-3 Class A (Canada); EN 55022, EN 55032, EN 55024, EN61000-3-2, EN61000-3-3 (Europe and International) VCCI Class A (Japan); AS/NZS CISPR 32 (Australia and New Zealand); CNS 13438 (Taiwan); GB 9254-2008 (China) | |
| ROHS Compliance | Restriction of Hazardous Substances Compliance per applicable directives and standards (Europe, China, Taiwan, and International) | |



2821 Mission College Boulevard
Santa Clara, CA 95054
888 847 8766
www.mcafee.com

McAfee and the McAfee logo, ePolicy Orchestrator, and McAfee ePO are trademarks or registered trademarks of McAfee, LLC or its subsidiaries in the US and other countries. Other marks and brands may be claimed as the property of others. Copyright © 2017 McAfee, LLC. 3683_1117 NOVEMBER 2017