

WEDGE NDP-2080

Wedge Networks™' flagship product, the NDP-2080 is the world's first 10 gbps throughput Deep Content Inspection appliance, purpose-built for the performance and accuracy requirements demanded by large enterprises, ISP's, Fixed Line and Mobile Operators, and high bandwidth organizations.

As a multi-gigabit Deep Content Inspection appliance, the Wedge NDP-2080 can be easily deployed into any network to transparently enforce Deep Content security policies such as blocking infected traffic at wire line speeds. It is a purpose built appliance for protecting web surfing PCs, laptops and smartphones from infections, for defending web and application servers against malicious attacks, and for enforcing company policies while not impacting the end user perception of internet performance and reliability.

Setting The New Standard For High Bandwidth Security

The Wedge NDP - 2080 was built from the ground up with a focus on catering to those high bandwidth users for which other solutions are unable to protect. Based on Wedge Networks™' award winning WedgeOS™ Deep Content Inspection platform, this hardware / software combination provides the next generation of Network Based Deep Content Inspection solutions. It incorporates the best of breed content security techniques to protect the network by inspecting commonly used application layer protocols, such as HTTP, SMTP, POP3, IMAP and FTP, effectively eliminating threats before they reach network endpoints (servers, desktops and mobile devices).

Integration

Fully Integrated for use with the many Cloud Network Defense™ Security Suite services such as APT/Anti-Malware, Anti-Spam/Anti-Spear Phishing, DLP, Mobile Security, Next Generation Content Filtering, Application Control, Web Application Firewall, etc. to allow dedicated security policies to be deployed across the web and email with a single appliance.

Built for performance with the SubSonic Engine's™ unique traffic handling, the resource needs for anti-malware defense are easily administered while allowing room for organizations to grow and add additional protection services without altering user experience.

Seamless network integration with the ability to deploy as a transparent inline bridge, the Wedge Content Security appliances can be deployed into your network with no need for costly and disruptive network outages and reconfigurations. In addition, other deployment modes such as WCCP, ICAP, etc. allow for maximum flexibility.



KEY MARKETS

Internet Service Providers
Fixed Line & Mobile Operators
Social Media Providers
High Bandwidth / High User Enterprise Environments

AVAILABLE SECURITY SERVICES

- APT/Anti-Malware
- Anti-Spam/Anti-Spear Phishing
- Data Loss Prevention
- Mobile Security
- Next Generation Content Filtering
- Application Control
- and more...

PROTOCOLS INSPECTED

The Award Winning WedgeOS™ brings together malware protection for both e-mail and web traffic by fully supporting Bi-Directional Scanning of HTTP, FTP, SMTP, POP3 and IMAP Content.

FOR ORGANIZATIONS NEEDING

High Throughput Requirements
High Accuracy
50,000+ User Concurrency

LEVERAGING THE POWERS OF

WedgeOS™
SubSonic Engine™ Technology
Green Streaming™
Open Service Bus™
Deep Content Inspection
Transparent Malware Protection Services

AWARDS



Specifications

NDP-2080

Performance

Email (messages per hour)	6,000,000+
HTTP (requests per hour)	Up to 15,000,000
Concurrent Users	50,000+

(actual number of users is much higher depending on network characteristics)

Hardware

CPU	2 x I0 Core Intel® Haswell® E5-2650 v3 (25MB Cache, 2.30 GHz)
RAM	8 DIMS x 8GB RAM - ECC DDR4-1600 (Up to 384 GB)
Storage	2 x 120GB SSD
Network Ports	4 x 1GbECopper + 4 x 10GbE SFP+
Power Supply	800W 2U 1 + 1 Redundant Power (hot swappable) AC 100~240VAC
Command Console	Dedicated iLO Connector and COM (RJ-45)
Peripheral Ports	USB 2.0 x 2 + VGA, USB 3.0 x 1 (Front) and 2 (Rear)

Physical/Operational

Form Factor	2U Rack mount
Width, Depth and Height	17.54" x 26.75" x 3.44"
Weight	40 lbs
Operating Temperatures	0°C to 40°C
Storage Temperatures	-30°C to 60°C
Relative Humidity	8% to 85%
Power Consumption (W)	800W
Certifications	CE, FCC, RoHS, UL, CCC

Functions Available on the Cloud Network Defense™ Security Suite

APT/Malware Defense combines real-time sandboxing with the broadest threat intelligence and Deep Content Inspection (DCI) to secure against all malware attacks, persistent threats, network abuse, and blended attacks across all networked devices.

Anti-Spam/Anti-Spear Phishing combines real-time intelligence of over 2 billion sensors worldwide with behavioural analysis and DCI to secure against all messaging threats; rapidly deploying into even the most complex of networks with transparent (non-MTA), two-way protection.

Data Loss Prevention detects and prevents the leakage of structured and unstructured data, effectively stopping confidential data escaping via web and email.

Mobile Security enables the secure usage of mobile devices, solving the phishing, malware, network abuse, blended attacks and data security within your network or while roaming.

Next Generation Content Filtering uses the largest web classification database with the most comprehensive categories, augmented with human reviews, producing industry-best accuracy. This enables organizations to understand, filter, monitor and report on Internet usage, allowing employees to take full advantage of the Web without compromising business goals.

Application Control combines real-time network Flow security with the broadest threat intelligence and DCI to enable the detection and blocking of traffic that are detrimental to an organization's productivity and image.

Web Application Firewall is designed to scale instantly to preserve performance and filter attack traffic close to the source, keeping essential web applications up and running. It delivers protection of web applications and secures sensitive database content by blocking threats such as cross-site scripting, SQL injection, buffer overflows, file inclusion, DoS, cookie poisoning, schema poisoning, and countless other attacks.

Unequaled Performance

The NDP-2080 allows Carriers, Telecom Companies and Internet Service Providers to add an extra layer of protection for all of its users, providing the accuracy and performance needed in high bandwidth environments.



Wedge Networks™, Inc.

is transforming the way security is delivered. Powered by the innovative WedgeOS™, Wedge Networks' Cloud Network Defense™ platform is designed to combat the shifting threat landscape associated with cloud, mobility, Internet of Things and consumerization of IT. By embedding security within the network as an elastic, scalable service, it is the only cloud security solution to perform high-performance content inspection without requiring traffic to leave the network. The Wedge Platform™ is deployed globally, delivering security protection for tens of millions of users in Fortune 500 companies, government agencies, internet services providers, and across all industry verticals. Wedge Networks™ is headquartered in Calgary, Canada and has international offices in Dallas, USA; Beijing, China; and Manama, Bahrain.

Wedge Instant-On Program

The Wedge VM™ is available for free trial through the Wedge Instant-On program. The free evaluation comes with 45-day trial license for all services.

Our extensive Product Evaluation Programs allow you to experience the Wedge Content Security platform as part of your decision process.

Call 1-888-276-5356 or visit wedenetworks.com today for more information.

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