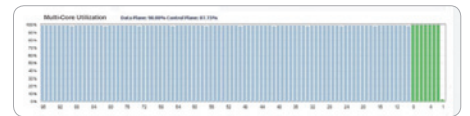
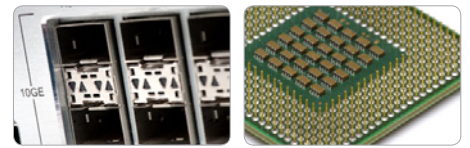




SonicWALL SuperMassive E10000 Series

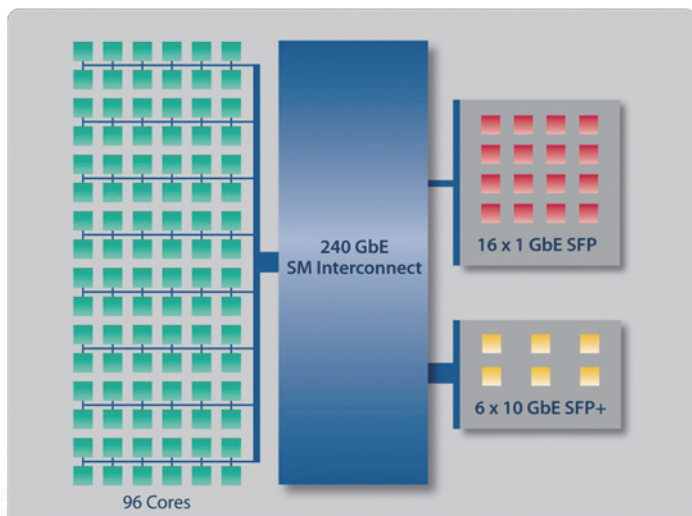
SuperMassive 특징 및 기술



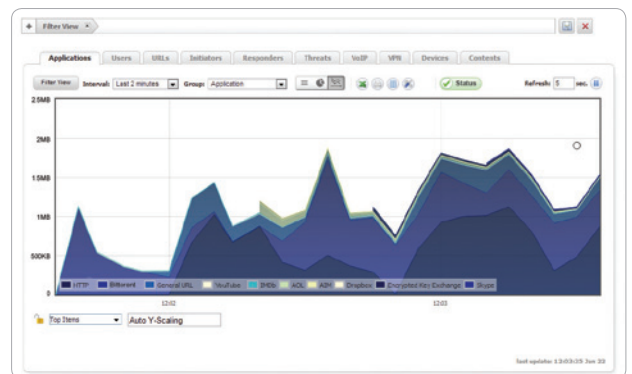
Scalable Performance with a Multi-Core Architecture

- 어플리케이션의 지능화 및 제어
- 멀티기가 성능의 강력한 IPS
- 트래픽의 가시화와 관리
- RFDPI 기술 (Low Latency)
- SSL 트래픽 탐지
- Full HA 지원 (A/P,A/A,StateSync,Cluster)
- 3500개 이상 단일 애플리케이션 분류
- 6x10GE SFP+ and 16x1GE SFP
- 96 Processor Cores
- 40 Gbps Firewall
- 30 Gbps Application Control
- 30 Gbps IPS
- 10 Gbps Anti-Malware (4백만 개 이상의 분류된 단일 위협 시그니처)
- 384 Core까지 확장 가능
- 10/40 Gbps급의 확장된 멀티 코어 구조로 설계
- 세분화된 애플리케이션 지능화구현과 제어 그리고 가시화 제공
- 고성능의 IPS와 멀웨어 처리를 통한 완벽한 위협 차단
- 암호화된 SSL트래픽들에 대해 오버헤드, 지연 없이 전체 인스펙션제공

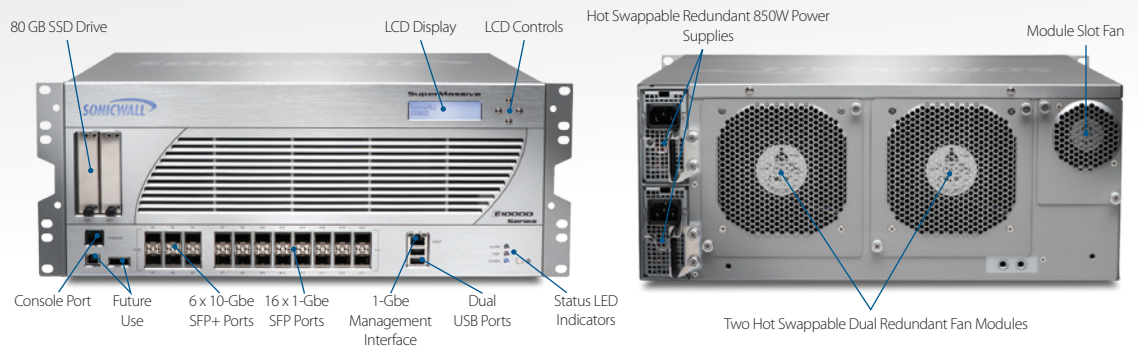
SuperMassive Engineered for High Performance



- 고성능의 확장된 멀티코어 설계
- 96 프로세서 코어/ 77Ghz
- 240 Gbps 인터커넥션
- Ultra-Low Latency



Intelligent Design for Superior DPI Throughput



Specifications

Feature	E10100	E10200	E10400	E10800
System Specifications				
SonicOS Version	SonicOS Enhanced 6.0 (or higher)			
Cores	12 (+ 12 HA)	24	48	96
10 GbE Interfaces	6 x 10-GbE SFP+			
1 GbE Interfaces	16 x 1-GbE SFP			
Management Interfaces	1 GbE, 1 Console			
Memory (RAM)	8 GB	16 GB	32 GB	64 GB
Storage	80 GB SSD, Flash			
Firewall Inspection Throughput	5.0 Gbps	10 Gbps	20 Gbps	40 Gbps
Application Inspection Throughput	4.0 Gbps	7.5 Gbps	15 Gbps	30 Gbps
IPS Throughput	4.0 Gbps	7.5 Gbps	15 Gbps	30 Gbps
Anti-Malware Inspection Throughput	2.0 Gbps	3.0 Gbps	6.0 Gbps	12 Gbps
VPN Throughput	2.5 Gbps	5.0 Gbps	10 Gbps	20 Gbps
Connections per second	80,000/sec	160,000/sec	320,000/sec	640,000/sec
Maximum Connections (SPI)	1.5M	3.0M	6.0M	12.0M
Maximum Connections (DPI)	1.2M	2.5M	5.0M	10.0M
VPN				
Site-to-site Tunnels	10,000	10,000 (20,000)*	10,000 (40,000)*	10,000 (80,000)*
IPSec VPN Clients	2,000	2,000 (4,000)*	2,000 (8,000)*	2,000 (16,000)*
SSL VPN Licenses	20 (1,000)*	50 (2,000)*	50 (4,000)*	50 (8,000)*
Encryption	DES, 3DES, AES (128, 192, 256-bit)			
Authentication	MD5, SHA-1			
Key Exchange	Diffie Hellman Groups 1, 2, 5, 14			
Route-based VPN	RIP, OSPF			
Networking				
IP Address Assignment	Static (DHCP PPPoE, L2TP and PPTP client), Internal DHCP server, DHCP Relay			
NAT Modes	1:1, many:1, 1:many, flexible NAT (overlapping IPS), PAT, transparent mode			
VLAN Interfaces	512			
Routing Protocols	BGP*, OSPF, RIPv1/v2, static routes, policy-based routing, multicast			
QoS	Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1p			
Authentication	XAUTH/RADIUS, Active Directory, SSO, LDAP, Novell, internal user database, terminal services, Citrix			
IPv6	IPv6 RFDPI, firewall, VPN, NAT; Dual stack IPv4/IPv6; IPv6 to/from IPv4 translations; ICMPv6; DHCPv6; DNSv6			
VoIP	Full H323-v1-5, SIP			
Standards	TCP/IP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3			
Certifications Pending	FIPS 140-2, Common Criteria EAL4+, NEBS, ICSA Firewall			
Common Access Card (CAC) Support	Pending			
Hardware				
Power Supply	Dual, Redundant, Hot Swappable, 850 W			
Fans	Dual, Redundant, Hot Swappable			
Display	Front LED Display			
Input Power	100-240 VAC, 60-50 Hz			
Maximum Power Consumption (W)	350	400	550	750
Form Factor	4U Rack Mountable			
Dimensions	17x18x7 in (43x43.5x17.8 cm)			
Weight	58 lb (26.3 kg)	58 lb (26.3 kg)	61 lb (27.7 kg)	67 lb (30.3 kg)
WEEE Weight	59 lb (26.8 kg)	59 lb (26.8 kg)	62 lb (28.1 kg)	68 lb (30.8 kg)
Shipping Weight	79 lb (35.8 kg)	79 lb (35.8 kg)	82 lb (37.2 kg)	88 lb (39.9 kg)
Major Regulatory	FCC Class A, CE, C-Tick, VCCI, Compliance MIC, UL, cUL, TUV/GS, CB, NOM, RoHS, WEEE			
Environment	40-105 F, 5-40 deg C			
Humidity	10-90% non-condensing			

Certifications



*Available with expanded license.
All specifications, features and availability are subject to change.