SRX SERIES
서비스 게이트웨이: 브랜치용
SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650

제품 소개

주니퍼 네트웍스 SRX Series 서비스 게이트웨이 브랜치용은 수십에서 수백 명의 이용자를 보유한 지점들을 위한 필수적인 연결, 보안, 관리 기능들을 제공합니다.

하나의 장비에 빠르고 가용성 높은 스위칭, 라우팅, 보안, 애플리케이션 기능들을 통합함으로써 기업 환경에서 새로운 서비스들과 안전한 연결성을 경제적으로 제공할 수 있으며, 이용자들의 만족스러운 경험을 보장할 수 있습니다. 브랜치, 캠퍼스, 데이터센터 애플리케이션을 위한 모든 SRX Series 서비스 게이트웨이들은 주니퍼 네트웍스 Junos OS를 탑재하고 있습니다.

Junos OS는 다양한 장비와 기능들 전반에서 일관성을 보장하는 동시에 뛰어난 성능과 서비스, 강력한 인프라스트럭처 보안을 실현합니다. 아울러 TCO 절감을 실현합니다.

제품 설명

주니퍼 네트웍스 SRX Series 서비스 게이트웨이 브랜치용은 보안, UTM(unified threat management), 라우팅, 스위칭 기능을 비용대비 효과적인 하나의 하이 퍼포먼스 네트워크 디바이스에 결합시킨 제품입니다.

- SRX Series 브랜치용은 Junos OS 소프트웨어를 탑재하고 있습니다. Junos OS는 전세계 100 대 통신사업자들의 네트워크에서 코어 인터넷 라우터에 탑재되어 사용되고 있습니다. Junos OS 의 IPv4/IPv6, OSPF, BGP, 멀티캐스트 등 캐리어급 라우팅 기능들은 15년 이상 전세계 현장에서 검증되어 왔습니다.
- SRX Series 서비스 게이트웨이 브랜치용은 네트워크 경계 보안, 컨텐트 보안, 애플리케이션 가시성, 트래킹, 정책 실행, 역할기반 접근제어, 네트워크 전반의 위협에 대한 가시성 및 제어 기능을 제공합니다. 보안 존과 정책들을 사용함으로써 네트워크 관리자가 SRX Series 브랜치용을 빠르고 안전하게 구성하고 구축할 수 있습니다. SRX Series에는 또한 방화벽, IPsec VPN, NAT(Network Address Translation), 초기 설정을 위한 마법사(wizard)가 포함되어 있어서 구성을 간소화합니다.
- 정책 기반 VPN은 다이나믹 어드레싱 (dynamic addressing)과 분할 터널링 (split tunneling)이 요구되는 보다 복잡한 보안 아키텍처들을 지원합니다. 컨텐트 보안을 위해 SRX Series 브랜치용은 IPS, 애플리케이션 보안(AppSecure), 온박스 및 클라우드 기반 안티바이러스, 안티스팸, 고급 웹 필터링, 데이터 손실 방지 등을 포함한 종합적인 UTM (Unified Threat Management) 서비스를 제공합니다. 컨텐트 필터링을 통한 이러한 위협관리는 나날이 진화하는 컨텐트 내재형 위협들로부터 네트워크를 보호합니다. 선택 사양으로 하이 퍼포먼스 IPS와 안티바이러스 스캐닝을 위한 Content Security Accelerator 기능을 제공합니다. 브랜치용 SRX 시리즈는 다른 주니퍼 보안 제품들과 통합되어 엔터프라이즈 전반에 대한 일원화된 접근제어(UAC: unified access control)와 능동적 위협관리 (adaptive threat management)를 제공합니다. 이러한 기능들은 보안전문가들에게 사이버 범죄 및 데이터 손실에 대응할 수 있는 강력한 도구를 제공합니다.
- SRX Series 브랜치용은 전세계 수천 곳의 사이트에 네트워크를 구축해야 하는 기업들에게 하이 퍼포먼스의 검증된 구축 기능들을 제공합니다. 다양한 옵션들은 수십에서 수천 명에 이르기까지 이용자 규모에 맞게 성능, 기능, 가격대를 설정할 수 있도록 해줍니다. 조직의 여러 사이트들을 안전하게 연결하기 위한 WAN 또는 인터넷 연결 옵션으로 이더넷, 시리얼, T1/E1, xDSL, Wi-Fi, 3G/4G LTE 무선 옵션을 모두 사용할 수 있습니다. SRX Series는 또한 여러가지 외형으로 제공되기 때문에 미션-크리티컬한 구축들을 위한 비용 대비 효과적인 모델을 선택할 수 있습니다. 네트워크 관리는 검증된 Junos OS CLI (command-line interface)와 스크립팅 기능들, 간단한 웹기반 GUI, 대규모 구축 환경을 위한 주니퍼 네트웍스 NSM(Network and Security Manager), 또는 중앙관리를 위한 Junos® Space Security Director를 통해 간편하게 수행할 수 있습니다.

아키텍처 및 주요 구성요소

브랜치 SRX Series 제품들의 주요 하드웨어 사양

제품	설명
SRX100 서비스 게이트웨이	8개의 10/100 Ethernet LAN 포트 및 1개의 USB 포트 (3G USB 지원) 종합적인 UTM1; 안티바이러스1,안티스팸1, 고급 웹 필터링1, IPS(intrusion prevention system)1, AppSecure1 UAC(Unified Access Control) 및 컨텐트 필터링 2 GB DRAM, 2 GB 플래쉬 디폴트
SRX110 서비스 게이트웨이	VDSL/ADSL2+ 및 Ethernet WAN 인터페이스 8개의 10/100 Ethernet LAN 포트 및 2개의 USB 포트 (3G USB 지원) 종합적인 UTM1; 안티바이러스1,안티스팸1, 고급 웹 필터링1, IPS(intrusion prevention system)1, AppSecure1 UAC(Unified Access Control) 및 컨텐트 필터링 2 GB DRAM, 2 GB CF 디폴트
SRX210 서비스 게이트웨이	2개의 10/100/1000 Ethernet 및 6개의 10/100 Ethernet LAN 포트, 1개의 Mini-PIM 슬롯, 2개의 USB 포트 (3G USB 지원) 4개의 다이나믹 PoE(Power over Ethernet) 포트 802.3af 팩토리 옵션 T1/E1, Serial, ADSL/2/2+, VDSL, G.SHDSL, Ethernet SFP(small form-factor pluggable transceiver) 지원 IPS 및 ExpressAV 성능 가속을 위한 Content Security Accelerator 하드웨어 (하이 메모리 버전) 종합적인 UTM1; 안티바이러스1,안티스팸1, 고급 웹 필터링1, IPS(intrusion prevention system)1, AppSecure1 UAC(Unified Access Control) 및 컨텐트 필터링 2 GB DRAM, 2 GB 플래쉬 디폴트
SRX220 서비스 게이트웨이	8개의 10/100/1000 Ethernet LAN 포트, 2개의 Mini-PIM 슬롯 8개의 다이나믹 PoE(Power over Ethernet) 포트 802.3af 팩토리 옵션, PoE+ 802.3at, 802.3af와 백워드 호환 T1/E1, Serial, ADSL2/2+, VDSL, G.SHDSL, Ethernet SFP 지원 IPS 및 ExpressAV 성능 가속을 위한 Content Security Accelerator 하드웨어 종합적인 UTM1; 안티바이러스1,안티스팸1, 고급 웹 필터링1, IPS(intrusion prevention system)1, AppSecure1 UAC(Unified Access Control) 및 컨텐트 필터링 2 GB DRAM, 2 GB CF 디폴트
SRX240 서비스 게이트웨이	16개의 10/100/1000 Ethernet LAN 포트, 4개의 Mini-PIM 슬롯 16개의 PoE 포트 팩토리 옵션, PoE+ 802.3at, 802.3af와 백워드 호환 T1/E1, Serial, ADSL2/2+, VDSL, G.SHDSL, Ethernet SFP 지원 IPS 및 ExpressAV 성능 가속을 위한 Content Security Accelerator 하드웨어 종합적인 UTM1; 안티바이러스1,안티스팸1, 고급 웹 필터링1, IPS(intrusion prevention system)1, AppSecure1 UAC(Unified Access Control) 및 컨텐트 필터링 2 GB DRAM, 2 GB 컴팩트 플래쉬 디폴트
SRX550 서비스 게이트웨이	10개의 고정 Ethernet 포트 (6 10/100/1000 Copper, 4 SFP), 2개의 Mini-PIM 슬롯, 6개의 GPIM 슬롯 또는 다수 GPIM 및 XPIM 컴비네이션 T1/E1, Serial, ADSL2/2+, VDSL, G.SHDSL, DS3/E3, Gigabit Ethernet 포트 지원; SFP를 포함하여 최대 52개의 Ethernet 포트 지원; 40개의 스위치 포트와 옵션 PoE(802.3at, PoE+, 802.3af 와 백워드 호환 포함) 또는 50개의 Non-PoE 10/100/1000 Copper 포트 지원, 10GbE IPS 및 ExpressAV 성능 가속을 위한 Content Security Accelerator 하드웨어 종합적인 UTM1; 안티바이러스1,안티스팸1, 고급 웹 필터링1, IPS(intrusion prevention system)1, AppSecure1 UAC(Unified Access Control) 및 컨텐트 필터링 2 GB DRAM 디폴트, 2 GB 컴팩트 플래쉬 디폴트 AC 전원 이중화 옵션; 표준 AC 전원(PoE-레디; PoE 전력 최대 250 와트 싱글 파워 써플라이 또는 500 와트 듀얼 파워 써플라이)
SRX650 서비스 게이트웨이	4개의 고정 포트 10/100/1000 Ethernet LAN 포트, 8개의 GPIM 슬롯 또는 다수의 GPIM 및 XPIM 컴비네이션 T1, E1, DS3/E3, Ethernet 포트 지원; 최대 52개의 Ethernet 포트(SFP; 48개의 스위치 포트와 802.3at, PoE+, 802.3af 백워드 호환 PoE 옵션 (또는 52개의 Non-PoE 10/100/1000 Copper 포트), 10GbE 지원 IPS 및 ExpressAV 성능 가속을 위한 Content Security Accelerator 하드웨어 종합적인 UTM1; 안티바이러스1,안티스팸1, 고급 웹 필터링1, IPS(intrusion prevention system)1, AppSecure1 UAC(Unified Access Control) 및 컨텐트 필터링 모듈형 서비스 및 라우팅 엔진(Routing Engine); 향후 인터널 페일오버(failover) 및 핫스왑(hot-swap) 2 GB DRAM 디폴트, 2 GB 컴팩트 플래쉬 디폴트, 추가 스토리지를 위한 외부 컴팩트 플래쉬 슬롯 AC 전원 이중화 옵션; 표준 AC 전원(PoE-레디; PoE 전력 최대 250 와트 싱글 파워 써플라이 또는 500 와트 듀얼 파워 써플라이)

네트워크 구축

SRX Series 서비스 게이트웨이 브랜치용은 원격지 네트워크 및 브랜치 로케이션에 구축되어 올-인-원으로 보안 기능이 포함된 WAN 연결, 통합된 이더넷 스위칭을 통한 로컬 PC 및 서버들과의 연결을 제공합니다.

[1] Unified Threat Management—antivirus, antispam, Web filtering, AppSecure, and IPS require a subscription license option to use the feature. UTM is not supported on the low memory version. Please see the ordering section for options. Content Filtering and UAC are part of the base software with no additional license.

기능 및 이점

보안 라우팅

네트워크 보안을 위해 반드시 라우터와 방화벽을 모두 사용해야 할까요? 동급최강의 라우팅 및 방화벽 기능을 하나의 제품으로 통합한 SRX Series를 구축한다면 그럴 필요가 없습니다. 적절하지 않은 트래픽까지 전부 다 포워딩할 필요가 있을까요? SRX Series 브랜치용은 트래픽이 적절한지 아닌지를 검사하고, 적절한 트래픽만을 포워딩합니다. 이렇게 함으로써 네트워크 부하를 감소시키고, 중요한 애플리케이션들에 대역폭을 할당할 수 있습니다. 또한 해킹으로부터 네트워크를 보호할 수 있습니다.

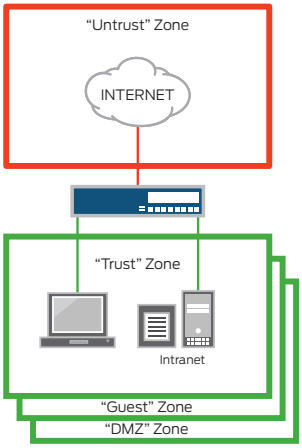


그림 1: 방화벽, 존, 정책

보안 라우터의 주 목적은 방화벽 기능과 정책 적용을 제공하는 것입니다. 방화벽(존) 기능은 트래픽 플로우와 상태를 검사하여 특정 존에 대해 세션 내의 오리진 및 리턴 정보가 일치하는지 확인하고 허용되도록 보장합니다. 보안 정책은 해당 세션이 어떤 존 내에서 만들어져 다른 존으로 이동할 수 있는지를 결정합니다. 이러한 아키텍처는 다양한 종류의 클라이언트 및 서버들로부터 패킷들을 수신하여 모든 세션, 모든 애플리케이션, 모든 이용자들을 추적합니다. 이렇게 함으로써 허용된 트래픽만이 자사 네트워크에 진입하고, 허용된 트래픽이 목적하는 방향으로 전송되도록 보장할 수 있습니다.

방화벽 설정을 간소화하기 위해 SRX Series 브랜치용은 "존(zones)"과 "정책" 두 가지 기능을 사용합니다. 이것들은 사용자가 설정할 수 있으며, 디폴트 설정에는 최소한의 트러스트 존(trust zone) 및 언트러스트 존(untrust zone)이 포함되어 있습니다. 트러스트 존은 브랜치용 SRX Series에 LAN을 연결하는데 사용됩니다. 언트러스트 존은 WAN 또는 인터넷 인터페이스를 위해 사용됩니다. 설치 및 설정을 간소화하기 위해 디폴트 정책이 적용되어 있어서 트러스트 존에서 언트러스트 존으로 이동하는 트래픽을 허용해 줍니다.

이 정책은 언트러스트 존에서 트러스트 존으로 이동하는 모든 트래픽을 차단합니다. 전통적인 라우터는 방화벽 (세션 인식) 또는 정책 (세션의 소스 및 목적지)의 개념이 없으므로 모든 트래픽을 포워딩합니다.

웹 인터페이스 또는 CLI를 사용하여 엔터프라이즈는 일련의 보안 정책들을 만들 수 있습니다. 이러한 보안 정책들은 존 내부와 각기 다른 존들 사이를 이동하는 트래픽을 제어합니다. 가장 넓게는 보안 존 내의 모든 소스에서 나오는 모든 종류의 트래픽이 다른 존들의 어떤 목적지로든 시간 제한없이 전송될 수 있습니다. 가장 좁게는 제한된 시간 동안 한 존 내부의 특정 호스트와 다른 존의 특정 호스트 사이에서 오직 한 종류의 트래픽만 이동할 수 있도록 허용하는 정책들을 만들 수 있습니다.

고가용성 (High Availability)

Junos OS Services Redundancy Protocol (JSRP)은 SRX Series 브랜치용의 핵심 기능입니다. JSRP은 두 대의 보안 시스템들이 하나의 고가용성 네트워크 아키텍처로 쉽게 통합될 수 있도록 해줍니다. 시스템들과 인접한 스위치들은 이중화된 물리적 링크로 연결됩니다. 링크 이중화를 통해 주니퍼 네트웍스는 물리적 포트에 결함이 발생하거나, 케이블이 빠지는 것과 같은 흔히 발생하는 시스템 오류 원인들에 대처합니다. 하나의 연결이 언제든지 유지되도록 보장함으로써 전체 시스템 중단을 방지합니다. 이는 라우팅 복원 프로토콜들의 일반적인 액티브/스탠바이 특징과 일치합니다.

SRX Series 서비스 게이트웨이 브랜치용이 액티브/액티브 HA 페어로 설정되었을 경우, 오류 발생 시 트래픽과 설정은 자동적으로 미러링되어 액티브 방화벽 및 VPN 세션유지를 제공합니다. 브랜치용 SRX Series는 설정과 런타임 정보 모두를 일치시킵니다. 그 결과 페일오버 중에도 연결/세션 상태 및 플로우 정보, IPsec SA(security associations), NAT 트래픽, 어드레스 북 정보, 설정 변경 및 기타 정보들이 공유됩니다. VRRP(Virtual Router Redundancy Protocol)와 같은 일반적인 라우터 액티브/스탠바이 복원 프로토콜 (resiliency protocols)들은 모든 다이나믹 플로우 및 세션 정보는 손실되고 페일오버 발생 시 반드시 재생성되어야 합니다. 일부 또는 모든 애플리케이션 세션들은 링크나 노드의 Convergence Time에 따라 재시작됩니다. 상태를 유지함으로써 세션이 보존될 뿐만 아니라 보안 역시 그대로 유지됩니다. 불안정한 네트워크에서는 이러한 액티브/액티브 설정이 링크 변동으로 인해 세션 성능에 미치는 영향을 최소화합니다.

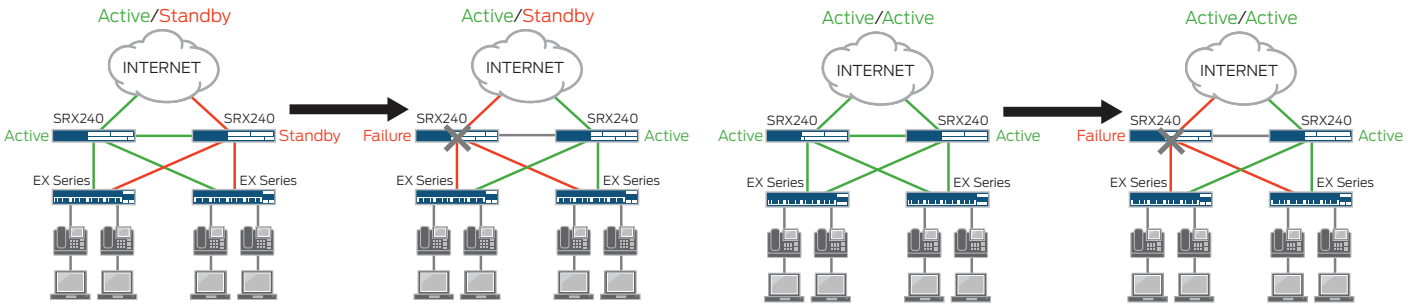


그림 2: 고가용성

성능 저하 없는 세션 기반 포워딩

통합된 라우터와 방화벽의 처리량과 지연시간을 최적화하기 위해 Junos OS는 세션 기반 포워딩을 사용합니다. 세션 기반 포워딩은 전통적인 방화벽의 세션 상태 정보와 전통적인 라우터의 넥스트-홉 (next-hop) 포워딩을 단일 처리로 통합한 혁신적인 기술입니다. Junos OS를 사용하면 포워딩 정책에 의해 승인된 세션은 다음 단계 루트로의 포인터와 함께 포워딩 테이블에 추가됩니다.

이미 생성된 세션의 트래픽은 허용된 세션인지의 여부와 다음단계(next-hop) 루트를 찾기 위해 단 한번의 세션 테이블 검사만으로 처리가 됩니다. 이러한 효율적인 알고리듬은 세션 정보 검증과 루트 탐색을 위한 다수의 테이블을 보유한 전통적인 라우터에 비해 세션 기반 트래픽에 대한 처리량을 향상시키고 지연시간을 줄입니다.

그림3은 세션 기반 포워딩 알고리듬을 보여줍니다. 새로운 세션이 생성되었을 때, Junos OS를 사용하는 세션 기반 아키텍처는 해당 세션이 정책들에 의해 승인되는지를 검증합니다.

세션이 승인되는 경우, Junos OS는 라우팅 테이블에서 다음단계(next-hop) 루트를 탐색합니다. 그리고 해당 세션과 다음단계 루트를 세션과 포워딩 테이블에 기록하고 패킷을 전송합니다. 이미 전송된 세션에 뒤이어 처리되는 패킷들은 세션과 포워딩 테이블을 이용한 단 한번의 테이블 검사를 통해서 출구(egress) 인터페이스로 전송됩니다.

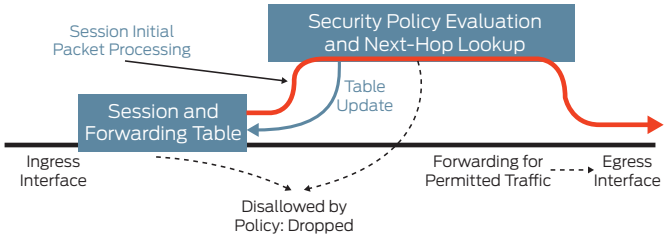


그림 3: 세션 기반 포워딩 알고리듬

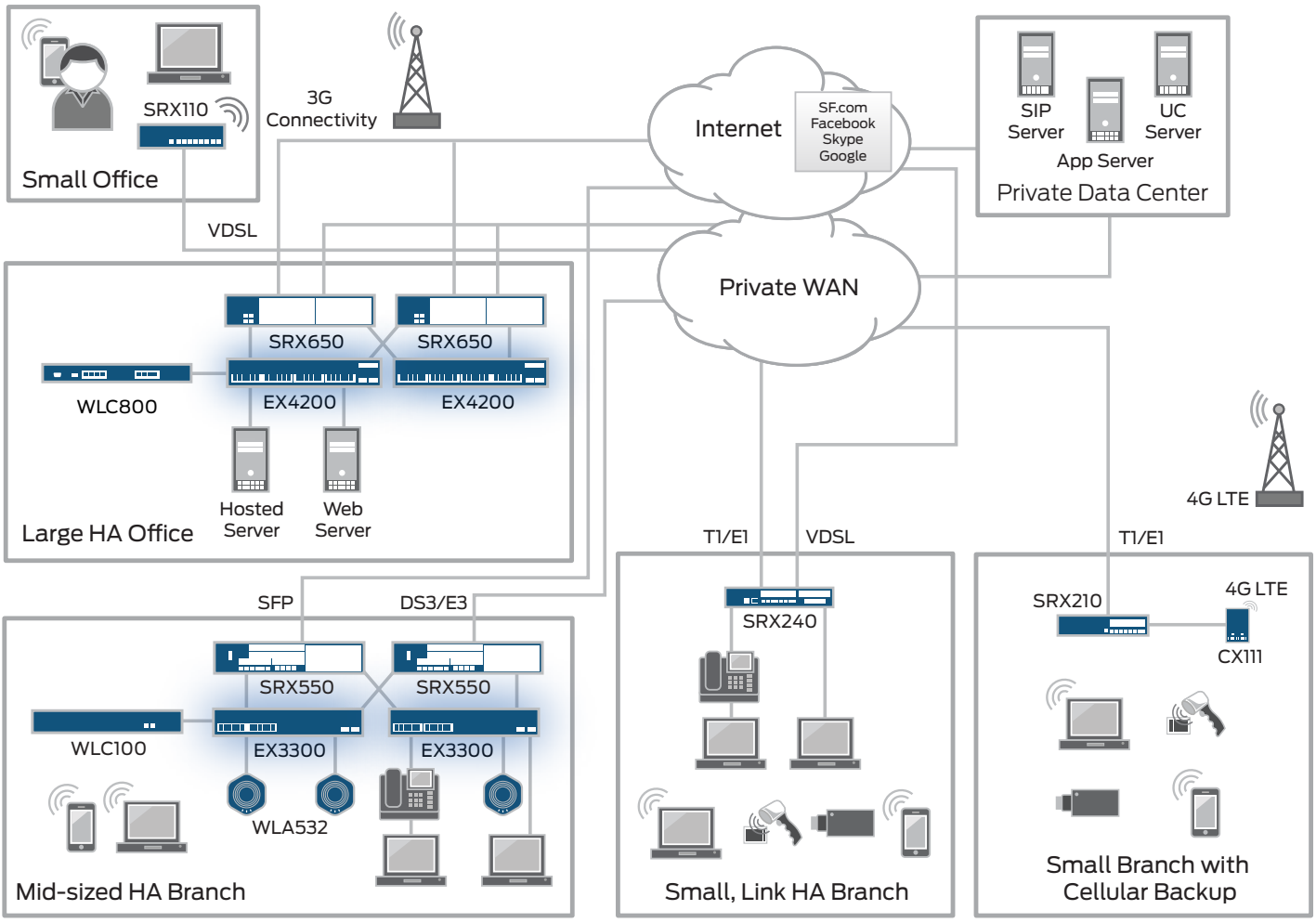


그림 4: Distributed Enterprise

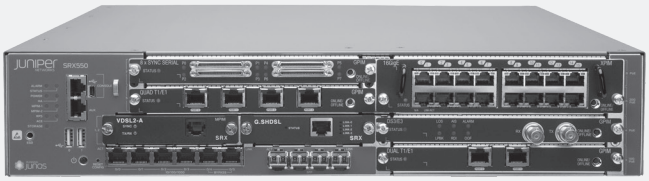
SRX100

SRX110

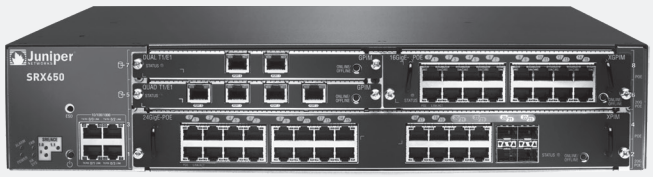
SRX210

SRX220

SRX240



SRX550



SRX650

사양

Protocols

- IPv4, IPv6, ISO Connectionless Network Service (CLNS)

Routing and Multicast

- Static routes
- RIPv2 +v1
- OSPF/OSPFv3
- BGP
- BGP Router Reflector[2]
- IS-IS
- Multicast (Internet Group Management Protocol (IGMPv1/2/3), PIM-SM/DM/SSM, Session Description Protocol (SDP), Distance Vector Multicast Routing Protocol (DVMRP), source-specific, Multicast inside IPsec tunnel), MSDP
- MPLS (RSVP, LDP, Circuit Cross-connect (CCC), Translational Cross-connect (TCC), Layer 2 VPN (VPLS), Layer 3 VPN, VPLS, NGMVPN)

IP Address Management

- Static
- DHCP, PPPoE client
- Internal DHCP server, DHCP Relay

Address Translation

- Source NAT with Port Address Translation (PAT)
- Static NAT
- Destination NAT with PAT
- Persistent NAT, NAT64

Encapsulations

- Ethernet (MAC and VLAN tagged)
- Point-to-Point Protocol (PPP) (synchronous)
  - Multilink Point-to-Point Protocol (MLPPP)
- Frame Relay
  - Multilink Frame Relay (MLFR) (FRF.15, FRF.16), FRF.12, LFI
- High-Level Data Link Control (HDLC)
- Serial (RS-232, RS-449, X.21, V.35, EIA-530)
- 802.1q VLAN support
- Point-to-Point Protocol over Ethernet (PPPoE)

L2 Switching

- 802.1D, RSTP, MSTP, 802.3ad (LACP)
- 802.1x, LLDP, 802.1ad (Q-in-Q), IGMP Snooping
- Layer 2 switching with high availability

Traffic Management Quality of Service (QoS)

- 802.1p, DSCP, EXP
- Marking, policing, and shaping
- Class-based queuing with prioritization
- Weighted random early detection (WRED)
- Queuing based on VLAN, data-link connection identifier (DLCI), interface, bundles, or multi-field (MF) filters
- Guaranteed bandwidth
- Maximum bandwidth
- Ingress traffic policing
- Priority-bandwidth utilization
- DiffServ marking
- Virtual channels

Security

Firewall

- Firewall, zones, screens, policies
- Stateful firewall, stateless filters
- Network attack detection
- Screens denial of service (DoS) and provides distributed denial of service (DDoS) protection (anomaly-based)
- Prevent replay attack; Anti-Replay
- Unified Access Control
  - TCP reassembly for fragmented packet protection
  - Brute force attack mitigation
  - SYN cookie protection
  - Zone-based IP spoofing
  - Malformed packet protection

UTM[1]

- Intrusion Prevention System (IPS)
  - Protocol anomaly detection
  - Stateful protocol signatures
  - Intrusion prevention system (IPS) attack pattern obfuscation
  - User role-based policies

[1] Unified Threat Management – antivirus, antispam, Web filtering, AppSecure, and IPS require individual subscription license. UTM is not supported on the low memory version. Please see the ordering section for options.

[2] BGP Route Reflector supported on SRX550 and SRX650. See ordering section for more information.

사양 (계속)

UTM[1] (continued)

- Customer signatures creation
- Daily and emergency updates
- AppSecure
  - AppTrack (application visibility and tracking)
  - AppFirewall (policy enforcement by application name)
  - Custom signatures
  - AppQoS (network traffic prioritization and bandwidth management)
  - Dynamic signature updates
  - User-based application policy enforcement
- Antivirus
  - Express AV (stream-based AV, not available on SRX100 and SRX110)
  - File-based antivirus
    - Signature database
    - Protocols scanned: POP3, HTTP, SMTP, IMAP, FTP
    - Antispyware
    - Anti-adware
    - Antikeylogger
  - Cloud-based antivirus
- Antispam
- Integrated enhanced Web filtering
  - Category granularity (90+ categories)
  - Real time threat score
- Redirect Web filtering
- Content Security Accelerator in SRX210 high memory, SRX220, SRX240, SRX550, and SRX650[1]
- ExpressAV option in SRX210 high memory, SRX220 high memory, SRX240, SRX550, and SRX650[1]
- Content filtering
  - Based on MIME type, file extension, and protocol commands

VPN

- Auto VPN (Zero Touch Hub)
- Tunnels (GRE, IP-IP, IPsec)
- IPsec, Data Encryption Standard (DES) (56-bit), triple Data Encryption Standard (3DES) (168-bit), Advanced Encryption Standard (AES) (128-bit+) encryption
- Message Digest 5 (MD5),SHA-1 , SHA-128, SHA-256 authentication
- Junos Pulse Dynamic VPN client; browser-based remote access feature requiring a license
- IPv4 and IPv6 VPN
- Multi-Proxy ID for site-to-site VPN

Multimedia Transport

- Compressed Real-Time Transport Protocol (CRTP)

High Availability

- VRRP
- JSRP
- Stateful failover and dual box clustering
- SRX550/SRX650:
  - Redundant power (optional)
  - GPIM hot swap
  - Future internal failover and SRE hot swap (OIR) on SRX650
- Backup link via 3G/4G LTE wireless or other WAN
- Active/active—L3 mode[2]
- Active/passive—L3 mode[2]
- Configuration synchronization[2]
- Session synchronization for firewall and VPN[2]
- Session failover for routing change[2]
- Device failure detection[2]
- Link failure detection[2]
- IP Monitoring with route and interface failover

IPv6

- OSPFv3
- RIPng
- IPv6 Multicast Listener Discovery (MLD)
- BGP
- ISIS

Wireless

- CX111 Cellular 3G/4G/LTE Broadband Data Bridge supported on all branch SRX Series devices
- 3G USB modem support for SRX100, SRX110, and SRX210

SLA, Measurement, and Monitoring

- Real-time performance monitoring (RPM)
- Sessions, packets, and bandwidth usage
- Juniper J-Flow monitoring and accounting services
- IP Monitoring

Logging

- Syslog
- Traceroute
- Extensive control- and data-plane structured and unstructured syslog

Administration

- Juniper Networks Network and Security Manager support (NSM)
- Juniper Networks Junos Space Security Director support
- Juniper Networks STRM Series Security Threat Response Managers support
- Juniper Networks Advanced Insight Solutions support
- External administrator database (RADIUS, LDAP, SecureID)
- Auto-configuration
- Configuration rollback
- Rescue configuration with button
- Commit confirm for changes
- Auto-record for diagnostics
- Software upgrades (USB upgrade option)
- Juniper Networks J-Web
- Command-line interface
- Smart image download

Certifications

- NEBS Compliance for SRX240, SRX650[3]
- Department of Defense (DoD) Certification for SRX Series Services Gateways, including testing and certification by the Department of Defense Joint Interoperability Test Command (JITC) for interoperability with DoD networks and addition of the SRX Series Services Gateways to the Unified Capabilities Approved Product List (UC APL)

[1] Unified Threat Management – antivirus, antispam, Web filtering, AppSecure and IPS require individual subscription license. UTM is not supported on the low memory version. Please see the ordering section for options.
[2] SRX100B installed with 1 GB DRAM, with 512 MB accessible. Optional upgrade to 1 GB DRAM is available with purchase of memory software license key.
[3] Coming soon for SRX110 and SRX550.

제품 비교

	SRX100	SRX110	SRX210	SRX220	SRX240	SRX550	SRX650
Maximum Performance and Capacity							
Junos OS version tested	Junos OS 12.1X44-D15	Junos OS 12.1X44-D15	Junos OS 12.1X44-D15	Junos OS 12.1X44-D15	Junos OS 11.4R5	Junos OS 12.1	Junos OS 11.4R5
Firewall performance (large packets)	700 Mbps	700 Mbps	850 Mbps	950 Mbps	1.8 Gbps	5.5 Gbps	7 Gbps
Firewall performance (IMIX)	200 Mbps	200 Mbps	250 Mbps	300 Mbps	600 Mbps	1.7 Gbps	2.5 Gbps
Firewall + routing PPS (64 Byte)	70 Kpps	70 Kpps	95 Kpps	125 Kpps	200 Kpps	700 Kpps	850 Kpps
Firewall performance[3] (HTTP)	100 Mbps	100 Mbps	290 Mbps	350 Mbps	830 Mbps	1.5 Gbps	2 Gbps
IPsec VPN throughput (large packets)	65 Mbps	65 Mbps	85 Mbps	100 Mbps	300 Mbps	1.0 Gbps	1.5 Gbps
IPsec VPN tunnels	128	128	256	512	1,000	2,000	3,000
AppSecure firewall throughput[3]	90 Mbps	90 Mbps	250 Mbps	300 Mbps	750 Mbps	1.5 Gbps	1.9 Gbps
IPS (intrusion prevention system)	75 Mbps	75 Mbps	65 Mbps	80 Mbps	230 Mbps	800 Mbps	1 Gbps
Antivirus	25 Mbps (Sophos AV)	25 Mbps (Sophos AV)	30 Mbps (Sophos AV)	35 Mbps (Sophos AV)	85 Mbps (Sophos AV)	300 Mbps (Sophos AV)	350 Mbps (Sophos AV)
Connections per second	1,800	1,800	2,200	2,800	8,500	27,000	35,000
Maximum concurrent sessions	32 K[1]	32 K[1]	64 K[1]	96 K[1]	256 K[1]	375 K	512 K
DRAM options	2 GB DRAM	2 GB DRAM	2 GB DRAM	2 GB DRAM	2 GB DRAM	2 GB DRAM	2 GB DRAM
Maximum security policies	384	384	512	2,048	4,096	7,256	8,192
Maximum users supported	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted
Network Connectivity							
Fixed I/O	8 x 10/100	8 x 10/100 VDSL/ADSL2+ WAN (Annex A or B)	2 x 10/100/1000 BASE-T + 6 x 10/100	8 x 10/100/1000 BASE-T	16 x 10/100/1000 BASE-T	6 x 10/100/1000 BASE-T + 4 SFP	4 x 10/100/1000 BASE-T
I/O slots	N/A	N/A	1 x SRX Series Mini-PIM	2 x SRX Series Mini-PIM	4 x SRX Series Mini-PIM	2 x SRX Series Mini-PIM, 6 x GPIM or multiple GPIM and XPIM combinations	8 x GPIM or multiple GPIM and XPIM combinations
Services and Routing Engine slots	No	No	No	No	No	No	2[2]
ExpressCard slot (3G WAN)	No	No	Yes	No	No	No	No
WAN/LAN interface options	N/A	N/A	See ordering information	See ordering information	See ordering information	See ordering information	See ordering information
Maximum number of PoE ports (PoE optional on some SRX Series models)	N/A	N/A	Up to 4 ports of 802.3af with maximum 50 W	Up to 8 ports of 802.3af/at with maximum 120 W	Up to 16 ports of 802.3af/at with maximum 150 W	Up to 40 ports of 802.3af/at with maximum 247 W	Up to 48 ports of 802.3af/at with maximum 247 W
USB	1	2	2	2	2	2	2 per SRE

[1] Based on 2 GbE memory models, which require Junos OS 12.1X44-D15 (exception: Junos OS 11.4r5 for SRX240 only).
[2] SRX650 supports a single Services and Routing Engine (SRE) as of software release 11.4.
[3] Throughput numbers based on HTTP traffic with 44 kilobyte transaction size.

제품 비교 (계속)

	SRX100	SRX110	SRX210	SRX220	SRX240	SRX550	SRX650
Routing							
Routing (Packet Mode) PPS	100Kpps	100Kpps	150Kpps	200Kpps	300Kpps	1000Kpps	1000Kpps
BGP instances	5	5	10	16	20	56	64
BGP peers	8	8	16	16	32	192	256
BGP routes	8 K	8 K	16 K	32 K	600 K	712 K	800 K
OSPF instances	4	4	10	16	20	56	64
OSPF routes	8 K	8 K	16 K	32 K	200 K	712 K	800 K
RIP v1 / v2 instances	4	4	10	16	20	56	64
RIP v2 routes	8 K	8 K	16 K	32 K	200 K	712 K	800 K
Static routes	8 K	8 K	16 K	32 K	256 K	712 K	800 K
Source-based routing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Policy-based routing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Equal-cost multipath (ECMP)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reverse path forwarding (RPF)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPsec VPN							
Concurrent VPN tunnels	128	128	256	512	1,000	2,000	3,000
Tunnel interfaces	10	10	64	64	128	456	512
DES (56-bit), 3DES (168-bit) and AES (256-bit)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MD-5, SHA-1 and SHA-2 authentication	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Manual key, Internet Key Exchange (IKE v1+v2), public key infrastructure (PKI) (X.509)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Perfect forward secrecy (DH Groups)	1, 2, 5	1, 2, 5	1, 2, 5	1, 2, 5	1, 2, 5	1, 2, 5	1, 2, 5
Prevent replay attack	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dynamic remote access VPN	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPsec NAT traversal	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Redundant VPN gateways	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Number of remote access users	25 users	25 users	50 users	150 users	250 users	500 users	500 users
User Authentication and Access Control							
Third-party user authentication	RADIUS, RSA SecureID, LDAP	RADIUS, RSA SecureID, LDAP	RADIUS, RSA SecureID, LDAP	RADIUS, RSA SecureID, LDAP	RADIUS, RSA SecureID, LDAP	RADIUS, RSA SecureID, LDAP	RADIUS, RSA SecureID, LDAP
RADIUS accounting	Yes	Yes	Yes	Yes	Yes	Yes	Yes
XAUTH VPN, Web-based, 802.X authentication	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PKI certificate requests (PKCS 7 and PKCS 10)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Certificate Authorities supported	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Virtualization							
Maximum number of security zones	10	10	12	24	64	96	128
Maximum number of virtual routers	3	3	10	15	64	128	128
Maximum number of VLANs	16	16	64	128	2,000	3,967	3,967

제품 비교 (계속)

	SRX100	SRX110	SRX210	SRX220	SRX240	SRX550	SRX650
Encapsulations							
PPP/MLPPP	N/A	N/A	Yes	Yes	Yes	Yes	Yes
PPPoE	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PPPoA	N/A	Yes	Yes	Yes	Yes	Yes	Yes
MLPPP maximum physical interfaces	N/A	N/A	1	2	4	12	12
Frame Relay	N/A	N/A	Yes	Yes	Yes	Yes	Yes
MLFR (FRF .15, FRF .16)	N/A	N/A	Yes	Yes	Yes	Yes	Yes
MLFR maximum physical interfaces	N/A	N/A	1	2	4	12	12
HDLC	N/A	N/A	Yes	Yes	Yes	Yes	Yes
Wireless							
CX111 3G /4G LTE Bridge support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Junos/SRX Series management of CX111	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Internal 3G ExpressCard slot support	No	No	Yes	No	No	No	No
USB 3G support	Yes	Yes	Yes	No	No	No	No
Max WLAN access points supported with AX411	2	2	4	4	4	4	4
WLA Series access points and WLC Series controllers supported	> 4	> 4	> 4	> 4	> 4	> 4	> 4
Flash and Memory							
Memory (DRAM)	2 GB	2 GB	2 GB	2 GB	2 GB	2 GB	2 GB
Memory slots	Fixed memory	Fixed memory	Fixed memory	Fixed memory	Fixed memory	2 DIMM	4 DIMM
Flash memory	2 GB	2 GB CF, externally accessible	2 GB	2 GB CF, externally accessible	2 GB	2 GB CF internal	2 GB CF internal on SRE, external slot empty, up to 2 GB CF supported
USB port for external storage	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions and Power							
Dimensions (W x H x D)	8.5 x 1.4 x 5.8 in (21.6 x 3.6 x 14.7 cm)	11.02 x 1.72 x 8.385 in (28 x 4.37 x 21.3 cm)	11.02 x 1.73 x 7.12 in (28.0 x 4.4 x 18.1 cm)	14.31 x 1.73 x 7.11 in (36.3 x 4.4 x 18.1 cm)	17.5 x 1.75 x 15.1 in (44.4 x 4.4 x 38.5 cm)	17.5 x 3.5 x 18.2 in (44.4 x 8.8 x 46.2 cm)	17.5 x 3.5 x 18.2 in (44.4 x 8.8 x 46.2 cm)
Weight (device and power supply)	2.5 lb (1.1 kg)	6.7 lb (3.06 kg)	3.3 lb (1.5 kg) non-PoE / 4.4 lb (2 kg) PoE No interface modules	3.43 lb (1.56 kg) non-PoE No interface modules	For LM and HM-AC: 11.2 lb (5.1 kg) For HM - DC: 12.56 lb (5.7 kg) / 12.3 lb (5.6 kg) PoE No interface modules	21.96 lb (9.96 kg) No interface modules 1 power supply	24.9 lb (11.3 kg) No interface modules 1 power supply
Rack-mountable	Yes, 1 RU	Yes, 1 RU	Yes, 1 RU	Yes, 1 RU	Yes, 1 RU	Yes, 2 RU	Yes, 2 RU
Power supply (AC)	100-240 VAC, 30 W	100-240 VAC, 60 W	100–240 VAC, 60 W non-PoE/ 150 W PoE	100–240 VAC, 60 W non-PoE / 200 W PoE	150 W for LM and HM 190 W for HM with DC 360 W for PoE	100–240 VAC, single 645 W or dual 645 W	100–240 VAC, single 645 W or dual 645 W
Maximum PoE power	N/A	N/A	50 W	120 W	150 W	247 W redundant, or 494 W non-redundant	247 W redundant, or 494 W non-redundant

제품 비교 (계속)

	SRX100	SRX110	SRX210	SRX220	SRX240	SRX550	SRX650
Dimensions and Power (continued)							
Average power consumption	10 W	24 W	27 W (LM), 28 W (HM), 84 W (PoE)	28 W (LM)	SRX240B - 71 W SRX240H - 74 W SRX240H-DC - 72 W SRX240H-PoE- 86 W	85 W	122 W
Input frequency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
Maximum current consumption	0.25 A @ 100 VAC	1.75 A @ 100 VAC	0.41 A @ 100 VAC (LM), 0.44 A @ 100 VAC (HM), 1.13 A @ 100 VAC (PoE)	0.44 A @ 100 VAC (HM)	1.0 A @ 100 VAC (LM), 1.1 A @ 100 VAC (HM), 3.0 A @ 100 VAC (PoE)	7.5 A @ 100 VAC with single PSU with PoE, 10.5 A @ 100 VAC with dual PSU with PoE	5.3 A @ 100 VAC with single PSU with PoE, 8.3 A @ 100 VAC with dual PSU with PoE
Maximum inrush current	60 A	70 A	80 A for LM/HM, 60 A for PoE	80 A for HM	40 A for LM/HM, 45 A for PoE	45 A for ½ cycle	45 A for ½ cycle
Average heat dissipation	35 BTU/hr	81 BTU/hr	92 BTU/hr (SRX210BE) 95 BTU/hr (SRX210HE) 116 BTU/hr (SRX210HE-PoE)	126 BTU/hour (SRX220H)	242 BTU/hr (SRX240B) 253 BTU/hr (SRX240H) 246 BTU/hr (SRX240H-DC 294 BTU/hr (SRX40H- PoE)	238 BTU/hr	319 BTU/hr
Maximum heat dissipation	80 BTU/hr	99 BTU/hr	1,120 BTU/hr (SRX210BE) 126 BTU/hr (SRX210HE) 157 BTU/hr (SRX210HE-PoE)	126 BTU/hour (SRX220H)	396 BTU/hr (SRX240B) 427 BTU/hr (SRX240H) 409 BTU/hr (SRX240H-DC) 560 BTU/hr (SRX240H-PoE)	1,449 BTU/hr	699 BTU/hr
Redundant power supply (hot swappable)	No	No	No	No	No	Yes (up to maximum capacity of single PSU)	Yes (up to maximum capacity of single PSU)
Acoustic noise level (Per ISO 7779 Standard)	0 dB (fanless)	0 dB (fanless)	29.1 dB	51.1 dB	70.0 dB	51.8 dB	60.9 dB
Environment							
Operational temperature	32º to 104º F (0º to 40º C)	32º to 104º F (0º to 40º C)	32º to 104º F (0º to 40º C)	32º to 104º F (0º to 40º C)	32º to 104º F (0º to 40º C)	32º to 104º F (0º to 40ºC)	32º to 104º F (0º to 40ºC)
Nonoperational temperature	4º to 158º F, (-20º to 70º C)	4º to 158º F, (-20º to 70º C)	4º to 158º F, (-20º to 70º C)	4º to 158º F, (-20º to 70º C)	-40º to 158º F, (-40º to 70º C)	4º to 158º F, (-20º to 70º C)	4º to 158º F, (-20º to 70º C)
Humidity (operating)	10% to 90% noncondensing	10% to 90% noncondensing	10% to 90% noncondensing	10% to 90% noncondensing	10% to 90% noncondensing	10% to 90% noncondensing	10% to 90% noncondensing
Humidity (nonoperating)	5% to 95% noncondensing	5% to 95% noncondensing	5% to 95% noncondensing	5% to 95% noncondensing	5% to 95% noncondensing	5% to 95% noncondensing	5% to 95% noncondensing
Mean time between failures (Telcordia model)	24.8 years (SRX100B) 24.8 years (SRX100H)	24.8 years	14.03 years (SRX210HE) 10.26 years (SRX210HE-PoE)	13.46 years (SRX220H) 11.06 years (SRX220H-PoE)	11.97 years (SRX240B) 11.63 years (SRX240H) 9.92 years (SRX240H-PoE)	9.6 years with redundant power	9.6 years with redundant power

*There are several models available for the SRX210 and SRX240 including the enhanced version. Please contact your Juniper or partner account representative for more information.

제품 비교 (계속)

	SRX100	SRX110	SRX210	SRX220	SRX240	SRX550	SRX650
Certifications and Network Homologation							
USA							
Safety certifications	UL 60950-1	UL 60950-1	UL 60950-1	UL 60950-1	UL 60950-1	UL 60950-1	UL 60950-1
EMC certifications	FCC Class B	FCC Class B	FCC Class B[1]	FCC Class A	FCC Class A	FCC Class A	FCC Class A
Network homologation	TIA-968	TIA-968	TIA-968	TIA-968	TIA-968	TIA-966	TIA-966
Canada							
Safety certifications	CSA 60950-1	CSA 60950-1	CSA 60950-1	CSA 60950-1	CSA 60950-1	CSA 60950-1	CSA 60950-1
EMC certifications	ICES class B	ICES class B	ICES class B[1]	ICES Class A	ICES class A	ICES class A	ICES class A
Network homologation	CS-03	CS-03	CS-03	CS-03	CS-03	CS-03	CS-03
Australia							
Safety certifications	AS / NZS 60950-1	AS / NZS 60950-1	AS / NZS 60950-1	AS / NZS 60950-1	AS / NZS 60950-1	AS / NZS 60950-1	AS / NZS 60950-1
EMC certifications	AS / NZS CISPR22 Class B	AS / NZS CISPR22 Class B	AS / NZS CISPR22 Class B[1]	AS / NZS CISPR22 Class A	AS / NZS CISPR22 Class A	AS / NZS CISPR22 Class A	AS / NZS CISPR22 Class A
Network homologation	AS / ACIF S 002, S 016, S 043.1, S043.2	AS / ACIF S 002, S 016, S 043.1, S043.2	AS / ACIF S 002, S 016, S 043.1, S043.2	AS / ACIF S 002, S 016, S 043.1, S043.2	AS / ACIF S 002, S 016, S 043.1, S043.2	AS / ACIF S 016	AS / ACIF S 016
New Zealand							
Safety certifications	AS / NZS 60950-1	AS / NZS 60950-1	AS / NZS 60950-1	AS / NZS 60950-1	AS / NZS 60950-1	AS / NZS 60950-1	AS / NZS 60950-1
EMC certifications	AS / NZS CISPR22 Class B	AS / NZS CISPR22 Class B	AS / NZS CISPR22 Class B[1]	AS / NZS CISPR22 Class A	AS / NZS CISPR22 Class A	AS / NZS CISPR22 Class A	AS / NZS CISPR22 Class A
Network homologation	PTC 217, PTC 273	PTC 217, PTC 273	PTC 217, PTC 273	PTC 217, PTC 273	PTC 217, PTC 273	PTC 217	PTC 217
Japan							
Safety certifications	Comply safety certifications (UL/CUL/CSA) by CB Scheme						
EMC certifications	VCCI Class B	VCCI Class B	VCCI Class B[1]	VCCI Class A	VCCI Class A	VCCI Class A	VCCI Class A
European Union							
Safety certifications	EN 60950-1	EN 60950-1	EN 60950-1	EN 60950-1	EN 60950-1	EN 60950-1	EN 60950-1
EMC certifications	EN 55022 Class B, EN 300 386	EN 55022 Class B, EN 300 386	EN 55022 Class B[1], EN 300 386	EN 55022 Class A, EN 300 386	EN 55022 Class A, EN 300 386	EN 55022 Class A, EN 300 386	EN 55022 Class A, EN 300 386
Network homologation	CTR 12/13, CTR 21, DoC	CTR 12/13, CTR 21, DoC	CTR 12/13, CTR 21, DoC	CTR 12/13, CTR 21, DoC	CTR 12/13, CTR 21, DoC	CTR 12/13, DoC	CTR 12/13, DoC
Software Certifications							
NIST FIPS-140-2 Level 2	Yes	Yes	Yes	Yes	Yes	In Progress	Yes
ISO Common Criteria NDPP+TFFW EP	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ICSA Network Firewall	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ICSA IPsec	Yes	Yes	Yes	Yes	Yes	Yes	Yes
USGv6	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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*There are several models available for the SRX210 and SRX240 including the enhanced version. Please contact your Juniper or partner account representative for more information.

[1] SRX210H-POE is class A.

인터페이스 모듈 호환성 메트릭스

구성요소	설명	SRX100	SRX110	SRX210	SRX220	SRX240	SRX550	SRX650
SRX-GP-16GE	16-port 10/100/1000BASE-T XPIM	X	X	X	X	X	✓	✓
SRX-GP-16GE-POE	16-port 10/100/1000BASE-T PoE XPIM	X	X	X	X	X	✓	✓
SRX-GP-2XE-SFPPTX	2-port 10GbE SFP+/10GbE BASE-T Copper XPIM	X	X	X	X	X	✓	✓
SRX-GP-24GE	24-port 10/100/1000BASE-T XPIM, includes 4 SFP slots	X	X	X	X	X	✓	✓
SRX-GP-24GE-POE	24-port 10/100/1000BASE-T PoE XPIM, includes 4 SFP slots	X	X	X	X	X	✓	✓
SRX-GP-8SFP	8-port GbE copper, fiber SFP XPIM	X	X	X	X	X	✓	✓
SRX-GP-DUAL-T1-E1	Dual T1/E1 GPIM	X	X	X	X	X	✓	✓
SRX-GP-QUAD-T1-E1	Quad T1/E1 GPIM	X	X	X	X	X	✓	✓
SRX-GP-1DS3-E3	1-port clear channel DS3/E3 GPIM single GPIM slot	X	X	X	X	X	✓	✓
SRX-GP-8SERIAL	Eight-port Sync Serial GPIM	X	X	X	X	X	✓	✓
SRX-MP-1SERIAL	1-port Sync Serial Mini-PIM	X	X	✓	✓	✓	✓	X
SRX-MP-1ADSL2-A	1-port ADSL2+ Mini-PIM supporting ADSL/ADSL2/ ADSL2+ Annex A	X	X	✓	✓	✓	✓	X
SRX-MP-1ADSL2-B	1-port ADSL2+ Mini-PIM supporting ADSL/ADSL2/ ADSL2+ Annex B	X	X	✓	✓	✓	✓	X
SRX-MP-1VDSL2-A	1-port VDSL2 Mini-PIM supporting Annex A, with fallback to ADSL2/ADSL2+	X	X	✓	✓	✓	✓	X
SRX-MP-8GSHDSL	8-wire (4-pair) G.SHDSL Mini-PIM	X	X	✓	✓	✓	✓	X
SRX-MP-1SFP-GE	1-port SFP Mini-PIM	X	X	✓	✓	✓	✓	X
SRX-MP-1T1E1	1-port T1 or E1 Mini-PIM	X	X	✓	✓	✓	✓	X

주문 정보

Model Number	Description
SRX650 Base System	
SRX650-BASE-SRE6-645AP	SRX650 Services Gateway with SRE 6, 645 W AC PoE PSU; includes 4 onboard 10/100/1000BASE-T ports, 2 GB DRAM, 2 GB CF, 247 W PoE power, fan tray, power cord and rack-mount kit
SRX650-BASE-SRE6-645DP	SRX650 Services Gateway with SRE 6, 645 W DC PoE PSU; includes 4 onboard 10/100/1000BASE-T ports, 2 GB DRAM, 2 GB CF, 247 W PoE power, fan tray, power cord and rack-mount kit
SRX650B-SRE6-645AP-TAA	Trade Agreement Act-compliant SRX650 Services Gateway with SRE 6, 645 W AC PoE PSU; includes 4 onboard 10/100/1000BASE-T ports, 2 GB DRAM, 2 GB CF, 247 W PoE power, fan tray, power cord and rack-mount kit
SRX650 Power Supplies and Accessories	
SRX600-PWR-645AC-POE	Spare 645 W AC PoE power supply unit for SRX650, SRX550 systems—one is included in SRX650, SRX550 base system (SRX650-BASE-SRE6-645AP, SRX550-645AP)
SRX600-PWR-645DC-POE	645 W DC source power supply for SRX550 and SRX650; provides 397 W system power @ 12 V and 248 W PoE power @ 50 VDC; works with 43-56 VDC input—no power cord
SRX600-SRE6H	Spare SRE6-H for SRX650—one is included in SRX650 base system (SRX650-BASE-SRE6-645AP)
SRX650-CHAS	SRX650 chassis including fan tray—no system processor (SRE) and no power supply unit
SRX650-FAN-01	Spare SRX650 fan tray, one is included in SRX650 chassis spare (SRX650-CHAS), and included in SRX650 base system (SRX650-BASE-SRE6-645AP)
SRX650-FILT-01	Not included in SRX650 chassis spare (SRX650-CHAS), and not included in SRX650 base system (SRX650-BASE-SRE6-645AP)—optional, as this is not required for normal operations, but recommended for dusty environments
SRX650 Additional Software Feature Licenses	
SRX650-K-AV	One year subscription for Juniper-Kaspersky antivirus updates on SRX650
SRX650-S-AV	One year subscription for Juniper-Sophos antivirus updates on SRX650
SRX650-IDP	One year subscription for IDP updates on SRX650
SRX650-S2-AS	One year subscription for Juniper-Sophos antispam updates on SRX650
SRX650-W-WF	One year subscription for Juniper-Websense Web filtering updates on SRX650
SRX650-SMB4-CS	One year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX650
SRX650-S-SMB4-CS	One year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX650
SRX650-K-AV-3	Three year subscription for Juniper-Kaspersky AV updates on SRX650
SRX650-S-AV-3	Three year subscription for Juniper-Sophos AV updates on SRX650
SRX650-IDP-3	Three year subscription for IDP updates on SRX650

Model Number	Description
SRX650-S2-AS-3	Three year subscription for Juniper-Sophos antispam updates on SRX650
SRX650-W-WF-3	Three year subscription for Juniper-Websense Web filtering updates on SRX650
SRX650-SMB4-CS-3	Three year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX650
SRX650-S-SMB4-CS-3	Three year security subscription for enterprise–includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX650
SRX-BGP-ADV-LTU	Advanced BGP License for SRX550 and SRX650 only
SRX650-K-AV-5	Five year subscription for Juniper-Kaspersky AV updates on SRX650
SRX650-S-AV-5	Five year subscription for Juniper-Sophos AV updates on SRX650
SRX650-IDP-5	Five year license for IDP updates for SRX650
SRX650-W-WF-5	Five year subscription for Juniper-Websense Web filtering updates on SRX650
SRX650-SMB4-CS-5	Five year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX650
SRX650-S-SMB4-CS-5	Five year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX650
SRX-RAC-5-LTU	Dynamic VPN Client: 5 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-10-LTU	Dynamic VPN Client: 10 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-25-LTU	Dynamic VPN Client: 25 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-50-LTU	Dynamic VPN Client: 50 simultaneous users for SRX210, SRX220, SRX240, SRX550, and SRX650 only
SRX-RAC-100-LTU	Dynamic VPN Client: 100 simultaneous users for SRX220, SRX240, SRX550, and SRX650 only
SRX-RAC-150-LTU	Dynamic VPN Client: 150 simultaneous users for SRX220, SRX240, SRX550, and SRX650 only
SRX-RAC-250-LTU	Dynamic VPN Client: 250 simultaneous users for SRX240, SRX550, and SRX650 only
SRX-RAC-500-LTU	Dynamic VPN Client: 500 simultaneous users for SRX550 and SRX650 only
SRX650-APPSEC-A-1	One year subscription for Application Security and IPS updates for SRX650
SRX650-APPSEC-A-3	Three year subscription for Application Security and IPS updates for SRX650
SRX650-APPSEC-A-5	Five year subscription for Application Security and IPS updates for SRX650

주문 정보 (계속)

Model Number	Description
SRX550 Base System	
SRX550- 645AP	SRX550 Services Gateway, 2 RU height, 6 GPIM slots, 2 Mini-PIM slots, 6 10/100/1000BASE-T ports, 4 GbE SFP ports, dual PS slots, fans; ships with one 645 watt AC power supply with 247 W PoE power (power cord and rack-mount kit included)
SRX550- 645DP	SRX550 Services Gateway, 2 RU height, 6 GPIM slots, 2 Mini-PIM slots, 6 10/100/1000BASE-T ports, 4 GbE SFP ports, dual PS slots, fans; ships with one 645 watt DC power supply with 247 W PoE power (no power cord and rack-mount kit Included)
SRX550 Power Supplies and Accessories	
SRX600-PWR-645AC-POE	Spare 645 W AC PoE power supply unit for SRX550 and SRX650 systems—one is included in SRX550 and SRX650 base systems (SRX650-BASE-SRE6-645AP, SRX550-645AC)
SRX600-PWR-645DC-POE	645 W DC source power supply for SRX550, SRX650 provides 397 W system power @ 12 V and 248 W PoE power @ 50 VDC; works with 43-56 VDC input—no power cord
SRX550-CHAS	SRX550 Services Gateway, 2 RU height, 6 GPIM slots, 2 Mini-PIM slots, 6 10/100/1000BASE-T ports, 4 GbE SFP ports, dual PS slots, fans (power supply not included)
SRX550-FILT-01	Not included in SRX550 systems, optional, as this is not required for normal operations, but recommended for dusty environments
SRX550 Additional Software Feature Licenses	
SRX550-K-AV	One year subscription for Juniper-Kaspersky antivirus updates on SRX550
SRX550-S-AV	One year subscription for Juniper-Sophos antivirus updates on SRX550
SRX550-IDP	One year subscription for IDP updates on SRX550
SRX550-S2-AS	One year subscription for Juniper-Sophos antispam updates on SRX550
SRX550-W-WF	One year subscription for Juniper-Websense Web filtering updates on SRX550
SRX550-SMB4-CS	One year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX550
SRX550-S-SMB4-CS	One year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX550
SRX550-K-AV-3	Three year subscription for Juniper-Kaspersky AV updates on SRX550
SRX550-S-AV-3	Three year subscription for Juniper-Sophos AV updates on SRX550
SRX550-IDP-3	Three year subscription for IDP updates on SRX550
SRX550-S2-AS-3	Three year subscription for Juniper-Sophos antispam updates on SRX550
SRX550-W-WF-3	Three year subscription for Juniper-Websense Web filtering updates on SRX550
SRX550-SMB4-CS-3	Three year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX550
SRX550-S-SMB4-CS-3	Three year security subscription for enterprise–includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX550

Model Number	Description
SRX-BGP-ADV-LTU	Advanced BGP License for SRX550 and SRX650 only
SRX550-K-AV-5	Five year subscription for Juniper-Kaspersky AV updates on SRX550
SRX550-S-AV-5	Five year subscription for Juniper-Sophos AV updates on SRX550
SRX550-IDP-5	Five year license for IDP updates for SRX550
SRX550-W-WF-5	Five year subscription for Juniper-Websense Web filtering updates on SRX550
SRX550-SMB4-CS-5	Five year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX550
SRX550-S-SMB4-CS-5	Five year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX550
SRX-RAC-5-LTU	Dynamic VPN Client: 5 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-10-LTU	Dynamic VPN Client: 10 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-25-LTU	Dynamic VPN Client: 25 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-50-LTU	Dynamic VPN Client: 50 simultaneous users for SRX210, SRX220, SRX240, SRX550, and SRX650 only
SRX-RAC-100-LTU	Dynamic VPN Client: 100 simultaneous users for SRX220, SRX240, SRX550, and SRX650 only
SRX-RAC-150-LTU	Dynamic VPN Client: 150 simultaneous users for SRX220, SRX240, SRX550, and SRX650 only
SRX-RAC-250-LTU	Dynamic VPN Client: 250 simultaneous users for SRX240, SRX550, and SRX650 only
SRX-RAC-500-LTU	Dynamic VPN Client: 500 simultaneous users for SRX550 and SRX650 only
SRX550-APPSEC-A-1	One year subscription for Application Security and IPS updates for SRX550
SRX550-APPSEC-A-3	Three year subscription for Application Security and IPS updates for SRX550
SRX550-APPSEC-A-5	Five year subscription for Application Security and IPS updates for SRX550
SRX240 Base System	
SRX240H2	SRX240 Services Gateway with 16 x GbE ports, 4x mini-PIM slots, and high memory (2 GB DRAM, 2 GB Flash); integrated power supply with power cord, and 19" rack mount kit included
SRX240H2-POE	SRX240 Services Gateway with 16 x GbE ports, 4x mini-PIM slots, and high memory (2 GB RAM, 2 GB Flash), with 16 ports PoE (150 W); integrated power supply with power cord, and 19" rack mount kit included
SRX240H2-DC	SRX240 Services Gateway with 16 x GbE ports, 4x mini-PIM slots, and high memory (2 GB RAM, 2 GB Flash); integrated -48 V DC power supply with 19" rack mount kit included
SRX240B2	SRX240 Services Gateway with 16 x GbE ports, 4x mini-PIM slots, and base memory (1 GB DRAM, 2 GB Flash); integrated power supply with power cord, and 19" rack mount kit included (No UTM, AppSecure, or IDP support)

주문 정보 (계속)

Model Number	Description
SRX240 Base Systems (continued)	
SRX240-RMK	SRX240 rack-mount kit for 19 in rack (holds one unit)
SRX240H-TAA	Trade Agreement Act-compliant SRX240 Services Gateway with 16 GbE ports, 4 Mini-PIM slots, and high memory (1 GB RAM, 1 GB Flash)
SRX240H-POE-TAA	Trade Agreement Act-compliant SRX240 Services Gateway with 16 GbE ports, 4 Mini-PIM slots, and high memory (1 GB RAM, 1 GB Flash), with 16 ports PoE (150 W)
SRX240B	SRX240 Services Gateway with 16 GbE ports, 4 Mini-PIM slots, and base memory (512 MB RAM, 1 GB Flash)
SRX240H	SRX240 Services Gateway with 16 GbE ports, 4 Mini-PIM slots, and high memory (1 GB RAM, 1 GB Flash)
SRX240H-POE	SRX240 Services Gateway with 16 GbE ports, 4 Mini-PIM slots, and high memory (1 GB RAM, 1 GB Flash), with 16 ports PoE (150 W)
SRX240H-DC	SRX240 Services Gateway with 16 GbE ports, 4 Mini-PIM slots, and high memory (1 GB RAM, 1 GB Flash)
SRX240 Additional Software Feature Licenses	
SRX240-K-AV	One year subscription for Juniper-Kaspersky antivirus updates on SRX240
SRX240-S-AV	One year subscription for Juniper-Sophos antivirus updates on SRX240
SRX240-IDP	One year subscription for IDP updates on SRX240
SRX240-S2-AS	One year subscription for Juniper-Sophos antispam updates on SRX240
SRX240-W-WF	One year subscription for Juniper-Websense Web filtering updates on SRX240
SRX240-SMB4-CS	One year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX240
SRX240-S-SMB4-CS	One year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX240
SRX240-K-AV-3	Three year subscription for Juniper-Kaspersky antivirus updates on SRX240
SRX240-S-AV-3	Three year subscription for Juniper-Sophos antivirus updates on SRX240
SRX240-IDP-3	Three year subscription for IDP updates on SRX240
SRX240-S2-AS-3	Three year subscription for Juniper-Sophos antispam updates on SRX240
SRX240-W-WF-3	Three year subscription for Juniper-Websense Web filtering updates on SRX240
SRX240-SMB4-CS-3	Three year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX240
SRX240-S-SMB4-CS-3	Three year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX240
SRX240-K-AV-5	Five year subscription for Juniper-Kaspersky antivirus updates on SRX240
SRX240-S-AV-5	Five year subscription for Juniper-Sophos antivirus updates on SRX240
SRX240-IDP-5	Five year subscription for IDP updates on SRX240

Model Number	Description
SRX240-S2-AS-5	Five year subscription for Juniper-Sophos antispam updates on SRX240
SRX240-W-WF-5	Five year subscription for Juniper-Websense Web filtering updates on SRX240
SRX240-SMB4-CS-5	Five year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX240
SRX240-S-SMB4-CS-5	Five year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX240
SRX240-S2-AS-5	Five year subscription for Juniper-Sophos antispam updates on SRX240
SRX240-W-WF-5	Five year subscription for Juniper-Websense Web filtering updates on SRX240
SRX240-SMB2-CS-5	Five year security subscription for enterprise—includes Kaspersky antivirus, Web filtering, Sophos antispam, and IDP on SRX240
SRX240-S-SMB-CS-5	Five year security subscription for enterprise—includes Sophos antivirus, Web filtering, Sophos antispam and IPS on SRX240
SRX-RAC-5-LTU	Dynamic VPN Client: 5 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-10-LTU	Dynamic VPN Client: 10 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-25-LTU	Dynamic VPN Client: 25 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-50-LTU	Dynamic VPN Client: 50 simultaneous users for SRX210, SRX22, SRX240, SRX550 and SRX650 only
SRX-RAC-100-LTU	Dynamic VPN Client: 100 simultaneous users for SRX220, SRX240, SRX550, and SRX650 only
SRX-RAC-150-LTU	Dynamic VPN Client: 150 simultaneous users for SRX220, SRX240, SRX550, and SRX650 only
SRX-RAC-250-LTU	Dynamic VPN Client: 250 simultaneous users for SRX240, SRX550, and SRX650 only
SRX240-APPSEC-A-1	One year subscription for Application Security and IPS updates for SRX240
SRX240-APPSEC-A-3	Three year subscription for Application Security and IPS updates for SRX240
SRX240-APPSEC-A-5	Five year subscription for Application Security and IPS updates for SRX240
SRX220 Base System	
SRX220H2	SRX220 Services Gateway with 8 GbE ports, 2 Mini-PIM slots, and high memory (2 GB RAM, 2 GB Flash)—external power supply and cord included
SRX220H2-POE	SRX220 Services Gateway with 8 GbE ports, 2 Mini-PIM slots, and high memory (2 GB RAM, 2 GB Flash), with 8 ports PoE (120 W)*
SRX220-RMK	SRX220 rack-mount kit for 19 in rack (holds one unit)
SRX220-WALL-KIT	SRX220 wall mount kit (holds one unit)
SRX220-PWR-60W*	Spare SRX220 switching power supply, 60 W (non-POE)

*See price list for country-specific power cord model numbers.

주문 정보 (계속)

Model Number	Description
SRX220 Base System (continued)	
SRX220H	SRX220 Services Gateway with 8 GbE ports, 2 Mini-PIM slots, and high memory (1 GB RAM, 1 GB Flash)—external power supply and cord included
SRX220H-POE	SRX220 Services Gateway with 8 GbE ports, 2 Mini-PIM slots, and high memory (1 GB RAM, 1 GB Flash), with 8 ports PoE (120 W)*
SRX220 Additional Software Feature Licenses	
SRX220-K-AV	One year subscription for Juniper-Kaspersky antivirus updates on SRX220
SRX220-S-AV	One year subscription for Juniper-Sophos antivirus updates on SRX220
SRX220-IDP	One year subscription for IDP updates on SRX220
SRX220-S2-AS	One year subscription for Juniper-Sophos antispam updates on SRX220
SRX220-W-WF	One year subscription for Juniper-Websense Web filtering updates on SRX220
SRX220-SMB4-CS	One year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX220
SRX220-S-SMB4-CS	One year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX220
SRX220-K-AV-3	Three year subscription for Juniper-Kaspersky antivirus updates on SRX220
SRX220-S-AV-3	Three year subscription for Juniper-Sophos antivirus updates on SRX220
SRX220-IDP-3	Three year subscription for IDP updates on SRX220
SRX220-S2-AS-3	Three year subscription for Juniper-Sophos antispam updates on SRX220
SRX220-W-WF-3	Three year subscription for Juniper-Websense Web filtering updates on SRX220
SRX220-SMB4-CS-3	Three year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX220
SRX220-S-SMB4-CS-3	Three year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX220
SRX220-K-AV-5	Five year subscription for Juniper-Kaspersky antivirus updates on SRX220
SRX220-S-AV-5	Five year subscription for Juniper-Sophos antivirus updates on SRX220
SRX220-IDP-5	Five year subscription for IDP updates on SRX220
SRX220-W-WF-5	Five year subscription for Juniper-Websense Web filtering updates on SRX220
SRX220-SMB4-CS-5	Five year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX220
SRX220-S-SMB4-CS-5	Five year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX220
SRX-RAC-5-LTU	Dynamic VPN Client: 5 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-10-LTU	Dynamic VPN Client: 10 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-25-LTU	Dynamic VPN Client: 25 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-50-LTU	Dynamic VPN Client: 50 simultaneous users for SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-100-LTU	Dynamic VPN Client: 100 simultaneous users for SRX220, SRX240, SRX550, and SRX650
SRX-RAC-150-LTU	Dynamic VPN Client: 150 simultaneous users for SRX220, SRX240, SRX550, and SRX650
SRX220-APPSEC-A-1	One year subscription for Application Security and IPS updates for SRX220
SRX220-APPSEC-A-3	Three year subscription for Application Security and IPS updates for SRX220
SRX220-APPSEC-A-5	Five year subscription for Application Security and IPS updates for SRX220
SRX210 Base System	
SRX210HE2	SRX210 Services Gateway with 2 GbE+ 6 Fast Ethernet ports, 1 Mini-PIM slot, 1 ExpressCard slot and high memory (2 GB RAM, 2 GB Flash)
SRX210HE2-POE	SRX210 Services Gateway with 2 GbE + 6 Fast Ethernet ports, 1 Mini-PIM slot, 1 ExpressCard slot and high memory (2 GB RAM, 2 GB Flash), with 4 ports PoE (50 W)
SRX210BE	SRX210 Services Gateway with 2 GbE + 6 Fast Ethernet ports, 1 Mini-PIM slot, 1 ExpressCard slot and base memory (512 MB RAM, 1 GB Flash)
SRX210HE	SRX210 Services Gateway with 2 GbE+ 6 Fast Ethernet ports, 1 Mini-PIM slot, 1 ExpressCard slot and high memory (1 GB RAM, 1 GB Flash)
SRX210HE-POE	SRX210 Services Gateway with 2 GbE + 6 Fast Ethernet ports, 1 Mini-PIM slot, 1 ExpressCard slot and high memory (1 GB RAM, 1 GB Flash), with 4 ports PoE (50 W)
SRX210 Additional Hardware	
SRX210-DESK-STAND	SRX210 desk top stand (holds one unit)
SRX210-RMK	SRX210 rack-mount kit for 19 in rack (holds one unit)
SRX210-WALL-KIT	SRX210 wall mount kit (holds one unit)
SRX210-PWR-60W-*	Spare SRX210 switching power supply, 60 W (non-PoE)
SRX210-PWR-150W-*	Spare SRX210 switching power supply, 150 W (PoE)
SRX210 Additional Software Feature Licenses	
SRX210-K-AV	One year subscription for Juniper-Kaspersky antivirus updates on SRX210
SRX210-S-AV	One year subscription for Juniper-Sophos antivirus updates on SRX210
SRX210-IDP	One year subscription for IDP updates on SRX210
SRX210-S2-AS	One year subscription for Juniper-Sophos antispam updates on SRX210
SRX210-W-WF	One year subscription for Juniper-Websense Web filtering updates on SRX210
SRX210-SMB4-CS	One year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX210
SRX210-S-SMB4-CS	One year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX210

*See price list for country-specific power cord model numbers.

주문 정보 (계속)

Model Number	Description
SRX210 Additional Software Feature Licenses (continued)	
SRX210-K-AV-3	Three year subscription for Juniper-Kaspersky antivirus updates on SRX210
SRX210-S-AV-3	Three year subscription for Juniper-Sophos antivirus updates on SRX210
SRX210-IDP-3	Three year subscription for IDP updates on SRX210
SRX210-S2-AS-3	Three year subscription for Juniper-Sophos antispam updates on SRX210
SRX210-W-WF-3	Three year subscription for Juniper-Websense Web filtering updates on SRX210
SRX210-SMB4-CS-3	Three year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX210
SRX210-S-SMB4-CS-3	Three year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX210
SRX210-K-AV-5	Five year subscription for Juniper-Kaspersky antivirus updates on SRX210
SRX210-S-AV-5	Five year subscription for Juniper-Sophos antivirus updates on SRX210
SRX210-IDP-5	Five year subscription for IDP updates on SRX210
SRX210-S2-AS-5	Five year subscription for Juniper-Sophos antispam updates on SRX210
SRX210-W-WF-5	Five year subscription for Juniper-Websense Web filtering updates on SRX210
SRX210-SMB4-CS-5	Five year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX210
SRX210-S-SMB4-CS-5	Five year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP on SRX210
SRX-RAC-5-LTU	Dynamic VPN Client: 5 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-10-LTU	Dynamic VPN Client: 10 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-25-LTU	Dynamic VPN Client: 25 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-50-LTU	Dynamic VPN Client: 50 simultaneous users for SRX210, SRX220, SRX240, SRX550, and SRX650 only
SRX210-APPSEC-A-1	One year subscription for Application Security and IPS updates for SRX210
SRX210-APPSEC-A-3	Three year subscription for Application Security and IPS updates for SRX210
SRX210-APPSEC-A-5	Five year subscription for Application Security and IPS updates for SRX210

Model Number	Description
Small Form Factor Pluggable (SFP) Transceivers	
SRX-SFP-1GE-LH	SFP 1000BASE-LH Optical Transceiver
SRX-SFP-1GE-LX	SFP 1000BASE-LX Optical Transceiver
SRX-SFP-1GE-SX	SFP 1000BASE-SX Optical Transceiver
SRX-SFP-1GE-T	SFP 1000BASE-T Copper Transceiver
SRX-SFP-FE-FX	SFP 100BASE-FX Optical Transceiver
SRX-MP-1SFP-GE	Single-port SFP Mini-PIM
SRX-GP-8SFP	8-port GbE copper, fiber SFP XPIM
SRX110 Base System	
SRX110H2-VA	SRX110 Services Gateway with 8xFE ports, 2 GB RAM and Flash, 1-port VDSL2/ADSL2+ over POTS, USB port for cellular modem connectivity, and external PS and cord included
SRX110H2-VB	SRX110 Services Gateway with 8xFE ports, 2 GB RAM and Flash, 1-port VDSL2/ADSL2+ over ISDN BRI, USB port for cellular modem connectivity, and external PS and cord included
SRX110H-VA	SRX110 Services Gateway with 8xFE ports, 1 GB RAM and Flash, 1-port VDSL2/ADSL2+ over POTS, USB port for cellular modem connectivity, and external PS and cord included
SRX110H-VB	SRX110 Services Gateway with 8xFE ports, 1 GB RAM and Flash, 1-port VDSL2/ADSL2+ over ISDN BRI, USB port for cellular modem connectivity, and external PS and cord
SRX110 Additional Hardware	
SRX110-DESK-STAND	SRX110 desktop stand; holds one unit
SRX110-RMK	SRX110 rack-mount kit; holds one unit
SRX110-WALL-KIT	SRX110 wall mount kit; holds one unit
SRX100 Base System	
SRX100H2	SRX100 Services Gateway with 8xFE ports and high memory (2 GB RAM, 2 GB Flash)
SRX100B	SRX100 Services Gateway with 8xFE ports and base memory (On-board 1 GB RAM w/ 512 MB accessible, 1 GB Flash)
SRX100H	SRX100 Services Gateway with 8xFE ports and high memory (1 GB RAM, 1 GB Flash)
SRX100 Additional Hardware	
SRX100-PWR-30W-*	Spare SRX100 switching power supply, 30 W (non-PoE)
SRX-100-RMK	SRX100 19" rack-mount kit (holds two units)
SRX100-WALL-KIT	SRX100 wall mount kit (holds one unit)
SRX100-DESK-STAND	SRX100 desk stand (holds one unit)

*See price list for country-specific power cord model numbers.

**The additional software feature licenses apply to both the SRX100 and the SRX110.

주문 정보 (계속)

Model Number	Description
SRX100/SRX110 Dynamic VPN Client	
SRX-RAC-5-LTU	5 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-10-LTU	10 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX-RAC-25-LTU	25 simultaneous users for SRX100, SRX110, SRX210, SRX220, SRX240, SRX550, and SRX650
SRX100/SRX110 Additional Software Feature Licenses **	
SRX1XX-K-AV	One year subscription for Juniper-Kaspersky AV updates
SRX1XX-K-AV-3	Three year subscription for Juniper-Kaspersky AV updates
SRX1XX-K-AV-5	Five year subscription for Juniper-Kaspersky AV updates
SRX1XX-S-AV	One year subscription for Juniper-Sophos AV updates
SRX1XX-S-AV-3	Three year subscription for Juniper-Sophos AV updates
SRX1XX-S-AV-5	Five year subscription for Juniper-Sophos AV updates
SRX1XX-S2-AS	One year subscription for Juniper-Sophos antispam updates
SRX1XX-S2-AS-3	Three year subscription for Juniper-Sophos antispam updates
SRX1XX-S2-AS-5	Five year subscription for Juniper-Sophos antispam updates
SRX1XX-W-EWF	One year subscription for Juniper-Websense enhanced Web filtering updates
SRX1XX-W-EWF-3	Three year subscription for Juniper-Websense enhanced Web filtering updates
SRX1XX-W-EWF-5	Five year subscription for Juniper-Websense enhanced Web filtering updates
SRX1XX-SMB4-CS	One year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP
SRX1XX-SMB4-CS-3	Three year security subscription for Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP
SRX1XX-SMB4-CS-5	Five year security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP
SRX1XX-S-SMB4-CS	One year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure, AppSecure and IDP
SRX1XX-S-SMB4-CS-3	Three year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP
SRX1XX-S-SMB4-CS-5	Five year security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP
SRX1XX-IDP	One year license for IDP updates
SRX1XX-IDP-3	Three year license for IDP updates
SRX1XX-IDP-5	Five year license for IDP updates
SRX1XX-K-AV-3-R	Three year renewal subscription for Juniper-Kaspersky AV updates

Model Number	Description
SRX100/SRX110 Additional Software Feature Licenses ** (continued)	
SRX1XX-K-AV-5-R	Five year renewal subscription for Juniper-Kaspersky AV updates
SRX1XX-K-AV-R	One year renewal subscription for Juniper-Kaspersky AV updates
SRX1XX-S-AV-3-R	Three year renewal subscription for Juniper-Sophos AV updates
SRX1XX-S-AV-5-R	Five year renewal subscription for Juniper-Sophos AV updates
SRX1XX-S-AV-R	One year renewal subscription for Juniper-Sophos AV updates
SRX1XX-S2-AS-3-R	Three year renewal subscription for Juniper-Sophos antispam updates
SRX1XX-S2-AS-5-R	Five year renewal subscription for Juniper-Sophos antispam updates
SRX1XX-S2-AS-R	One year renewal subscription for Juniper-Sophos antispam updates
SRX1XX-W-EWF-3-R	Three year renewal subscription for Juniper-enhanced Websense enhanced Web filtering updates
SRX1XX-W-EWF-5-R	Five year renewal subscription for Juniper-enhanced Websense enhanced Web filtering updates
SRX1XX-W-EWF-R	One year renewal subscription for Juniper-enhanced Websense enhanced Web filtering updates
SRX1XX-SMB4-CS-R	One year renewal security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP
SRX1XX-SMB4-CS-3-R	Three year renewal security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP
SRX1XX-SMB4-CS-5-R	Five year renewal security subscription for enterprise—includes Kaspersky AV, enhanced WF, Sophos AS, AppSecure and IDP
SRX1XX-S-SMB4-CS-R	One year renewal security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP
SRX1XX-S-SMB4-CS-3-R	Three year renewal security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP
SRX1XX-S-SMB4-CS-5-R	Five year renewal security subscription for enterprise—includes Sophos AV, enhanced WF, Sophos AS, AppSecure and IDP
SRX1XX-IDP-R	One year renewal subscription for IDP Signature service
SRX1XX-IDP-3-R	Three year renewal subscription for IDP Signature service
SRX1XX-IDP-5-R	Five year renewal subscription for IDP Signature service
SRX100-APPSEC-A-1	One year subscription for Application Security and IPS updates for SRX100
SRX100-APPSEC-A-3	Three year subscription for Application Security and IPS updates for SRX100
SRX100-APPSEC-A-5	Five year subscription for Application Security and IPS updates for SRX100

** The additional software feature licenses apply to both the SRX100 and the SRX110.

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한국주니퍼네트웍스(주) 서울시 강남구 역삼 1동 736-1 캐피탈 타워 19층 TEL: 02)3483-3400 FAX: 02)3483-3488 www.juniper.co.kr

본사
Juniper Networks, Inc.
1194 North Mathilda Avenue
Sunnyvale, CA 94089 USA
Phone: 888.JUNIPER (888.586.4737)
or 408.745.2000
Fax: 408.745.2100
www.juniper.net

아태지역 본부
Juniper Networks (Hong Kong)
26/F, Cityplaza One
1111 King's Road
Taikoo Shing, Hong Kong
Phone: 852.2332.3636
Fax: 852.2574.7803

EMEA 본부
Juniper Networks Ireland
Airside Business Park
Swords, County Dublin, Ireland
Phone: 31.0.207.125.700
EMEA Sales: 00800.4586.4737
Fax: 31.0.207.125.701

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