SRX345-SYS-JB-2AC Datasheet





Overview

 $The \ SRX345 \ supports \ up \ to \ 5 \ Gbps \ firewall \ and \ 800 \ Mbps \ IPsec \ VPN \ in \ a single, consolidated, cost-effective networking \ and \ security \ platform.$

Quick Specs

Figure 1 shows the appearance of SRX345-SYS-JB-2AC.



Table 1 shows the Quick Specs.

Product Code	SRX345-SYS-JB-2AC
Flash Memory	8 GB
Ports Qty	16
Power Device	Internal power supply
Power Consumption Operational	122 Watt

Product Details

Figure 2 shows the front panel of SRX345-SYS-JB-2AC.



Figure 3 shows the back panel of SRX345-SYS-JB-2AC.



SRX345-SYS-JB-2AC provides these features:

Juniper Networks® SRX300 line of services gateways delivers a next-generation networking and security solution that supports the changing needs of cloud-enabled enterprise networks. Whether rolling out new services and applications across locations, connecting to the cloud, or trying to achieve operational efficiency, the SRX300 line helps organizations realize their business objectives while providing scalable, easy to manage, secure connectivity and advanced threat mitigation capabilities. Next-generation firewall and unified threat management (UTM) capabilities also make it easier to detect and proactively mitigate threats to improve the user and application experience.

The SRX300 line consists of four models:

SRX300: Securing small branch or retail offices, the SRX300 Services Gateway consolidates security, routing, switching, and WAN connectivity in a small desktop device. The SRX300 supports up to 1 Gbps firewall and 300 Mbps IPsec VPN in a single, consolidated, cost-effective networking and security platform.

SRX320: Securely connecting small distributed enterprise branch offices, the SRX320 Services Gateway consolidates security, routing, switching, and WAN connectivity in a small desktop device. The SRX320 supports up to 1 Gbps firewall and 300 Mbps IPsec VPN in a single, consolidated, cost-effective networking and security platform.

SRX340: Securely connecting midsize distributed enterprise branch offices, the SRX340 Services Gateway consolidates security, routing, switching, and WAN connectivity in a 1 U form factor. The SRX340 supports up to 3 Gbps firewall and 600 Mbps IPsec VPN in a single, consolidated, cost-effective networking and security platform.

SRX345: Best suited for midsize to large distributed enterprise branch offices, the SRX345 Services Gateway consolidates security, routing, switching, and WAN connectivity in a 1 U form factor. The SRX345 supports up to 5 Gbps firewall and 800 Mbps IPsec VPN in a single, consolidated, cost-effective networking and security platform.

Compare to Similar Items

Table 2 shows the comparison of SRX345-SYS-JB-2AC.

Module	SRX345-SYS-JB-2AC	SRX340-SYS-JB
Flash Memory	8 GB	8 GB
Ports Qty	16	16
Power Device	Internal power supply	Internal power supply
Power Consumption Operational	122 Watt	122 Watt

Get More Information

Do you have any question about the SRX345-SYS-JB-2AC?

Contact us now via Live Chat or support@netgenetics.com

Specification

SRX345-SYS-JB-2AC specification		
General		
Device Type	Security appliance	

Webs 17.4 in Depth 14.6 in Height 1.7 in Processor/Hemory / Storage RAM 4 GM Flash Memory 8 GB Hard Drive 8 GB Networking ************************************	Height (Rack Units)	1U	
Processor / Memory / Storage RAM	Width	17.4 in	
RAM 4 GB Flash Memory 8 GB Hard Drive 8 SBD Networking Form Factor Rack-mountable 7 Front to back artifox Protect Oxy 16 GW Data Link Protocol Research Floration Protocol Research Flash Ethernet, Gligabi Ethernet, HDLC, Frame Relay, PPP, MLPPP, MLFR Network/Transport Protocol Research Floration Protocol Research Flash Ethernet, Gligabi Ethernet, HDLC, Frame Relay, PPP, MLPPP, MLFR Network/Transport Protocol Research Floration Protocol Research F	Depth	14.6 in	
Flash Memory B GB	Height	1.7 in	
Hard Drive SSD Networking Form Factor Rack-mountable Rack-mountable Fornt to back airflow Ports City 16 Connectivity Technology Wired Data Link Protocol Ethernet, Fast Ethernet, Gigabit Ethernet, HDLC, Frame Relay, PPP, MLPPP, MLFR Relay, PPP, MLPPP, MLPR Relay, PLPP, MLPP, ML	Processor / Memory / Storage		
Networking Form Factor Rackmountable Form Factor Rackmountable Form Factor Rackmountable Form Factor Protector Protector Rackmountable Form to back difflow Mired Comectivity Technology Wired Button, France Relay, PPP, MLPPP, MLFRP, MLFR, MLFR, Sephere, Glgabit Ethornet, HDLC, Frame Relay, PPP, MLPPP, MLFR, ML	RAM	4 GB	
Networking	Flash Memory	8 GB	
Rack-mountable Ariflow Direction Front to back airflow Front back airflow Front City Technology Wired Connectivity Technology Wired Batturnet, Fast Ethernet, Gligabit Ethernet, HDLC, Frame Relay, PPP, MLPPP, MLPPP, MLFRP, Front City Rework/Transport Protocol RSVP, IPSec, PPPoE, DHCP, DNS, DDNS Routing Protocol RSVP, IPSec, PPPoE, DHCP, DNS, DDNS Routing Protocol RSVP, IPSec, PPPoE, DHCP, DNS, DDNS Routing Protocol SNNP, Teinet, HTTP, SSH, CLI Firevall throughput (1518-byte packet size): 50 fbps VPM throughput (1MDX); 2 Gbps Firevall throughput (1518-byte packet size): 50 fbps VPM throughput (1690-3): 300 Mbps VPM throughput (1400-byte packet size): 50 fbps VPM throughput (1600-byte size): 50 fbps VPM throughput (1600-byte size): 50 fbps VPM throughput (1	Hard Drive	SSD	
Ports Olly Connectivity Technology Data Link Protocol Ethernet, Fast Ethernet, Gigabit Ethernet, HDLC, Frame Relay, PPP, MLPPP, MLPPPP,	Networking		
Ports Qty Connectivity Technology Wired Ethernet, Fast Ethernet, Gigabit Ethernet, HDLC, Frame Relay, PPP, MLPPP, MLFRP, MLFR Network/Transport Protocol RSVP, IPSec, PPPGE, DHCP, DNS, DDNS Routing Protocol RSVP, IPSec, PPPGE, DHCP, DNS, DDNS Routing Protocol SNMP, Telnet, HTTP, SSH, CLI Firewall throughput (84-byte packet size): 700 Kpps Firewall throughput (9MIX); 2 Gbps Firewall throughput (1518-byte packet size): 65 Gbp. TVPM throughput (9RSec): 300 Mbps; 1 VPM throughput (1518-byte packet size): 65 Gbp. TVPM throughput (9RSec): 300 Mbps; 1 VPM throughput (1518-byte packet size): 65 Gbp. TVPM throughput (9RSec): 300 Mbps; 1 VPM throughput (9RSec): 300 M	Form Factor	Rack-mountable	
Data Link Protocol Ethernet, Fast Ethernet, Gigabit Ethernet, HDLC, Frame Relay, PPP, MLPPP, MLPRP, MLPR Network/Transport Protocol RSVP, IPSec, PPPoE, DHCP, DNS, DDNS Routing Protocol RSVP, IPSec, PPPoE, DHCP, DNS, DDNS Remote Management Protocol SNMP, Telnet, HTTP, SSH, CLI Firewall throughput (64-byte packet size): 700 Kpps Firewall throughput (MIX); 2 Gbps Firewall throughput (1515-byte packet size): 5 Gbps YPN throughput (1696-15) with couphing (1796-15) with coup	Airflow Direction	Front to back airflow	
Ethernet, Fast Ethernet, Gigabit Ethernet, HDLC, Frame Relay, PPP, MLPPP, MLPPP, MLPRP, MLP	Ports Qty	16	
Network / Transport Protocol RSVP, IPSec, PPPoE, DHCP, DNS, DDNS	Connectivity Technology	Wired	
Rouling Protocol OSPF, ISIS, RIP-1, RIP-2, BGP, IGMPv2, KMP, DVMRP, VRRP, PIM-SM, static IP routing, PIM-DM, OSPFv3, PIM-SSM, MSDP, ECMP, MPLS Remote Management Protocol SNMP, Telnet, HTTP, SSH, CLI Firewall throughput (64-byte packet size): 700 Kpps Firewall throughput (IMIX): 2 Gbps Firewall throughput (1516-byte packet size): 6 Gbps VPN throughput (IPSec): 300 Mbps VPN throughput (1400-byte packet size): 80 Mbps IPS throughput: 500 Mbps VPN throughput (1400-byte packet size): 80 Mbps IPS throughput: 500 Mbps Connection rate: 20000 connections per second Capacity Performance Capacity IPv4 routing table entries: 2000000 IPv6 routing table entries: 1000000 Concurrent sessions: 512000 Security policies: 4000 Maximum number of NAT rules: 2000 MAC addresses: 15000 IPsec VPN tunnels: 2048 GRE tunnels: 1024 Security zones: 644 Virtual routers: 128 Virtual interfaces (VLANs): 3000 Maximum number of users: 200 Firewall protection, NAT support, VPN support, PAT support, IPv6 support, Intrusion Prevention System (IPS), URL liftering, Dbos attack prevention, Weighted Random Early Detection (WRED), Spanning Tree Protocol (RSTP) support, Allow protection, Papport, PAT support, DHCP clearly, J-Fibv, Inspect SSL Encrypted Trace Protocol (RSTP) support, DHCP clearly, J-Fibv, Inspect SSL Encrypted Trace Protocol (RSTP) support, DHCP clearly, J-Fibv, Inspect SSL Encrypted Trace Generic Routing Encapsulation (GRE), Diffser Code Point (DSCP) support, MACsec support, and-virus protection, Virtual Private LAN Service (VPLS), Label Distribution Protocol (LDP) Encryption Algorithm DES, Triple DES, MDS, IKE, SSL, SHA-1, PKI, 256-bit AES, IKEv2, 256-bit SHA Authentication Method Secure Shell (SSH), X.509 certificates IPTelephony VolP Protocols SDP Expansion / Connectivity	Data Link Protocol		
Remote Management Protocol Remote Management Protocol SNMP, Telnet, HTTP, SSH, CLI Firewall throughput (64-byte packet size): 700 Kpps Firewall throughput (IMIX): 2 Gbps Firewall throughput (1518-byte packet size): 5 Gbps VPN throughput (IPSec): 300 Mbps VPN throughput (1518-byte packet size): 5 Gbps VPN throughput (IPSec): 300 Mbps VPN throughput (1518-byte packet size): 5 Gbps VPN throughput (IPSec): 300 Mbps VPN throughput (1518-byte packet size): 5 Gbps VPN throughput (IPSec): 300 Mbps VPN throughput (1518-byte packet size): 5 Gbps VPN throughput (IPSec): 300 Mbps VPN throughput (1518-byte packet size): 5 Gbps VPN throughput (IPSec): 300 Mbps VPN throughput (1518-byte packet size): 5 Gbps VPN throughput (IPSec): 300 Mbps VPN throughput (1500 Mbps VPN throughput (Network / Transport Protocol	RSVP, IPSec, PPPoE, DHCP, DNS, DDNS	
Firewall throughput (64-byte packet size): 700 Kpps Firewall throughput (IMIX): 2 Gbps Firewall throughput (1618-byte packet size): 5 Gbps VPN throughput (IPSec): 300 Mbps VPN throughput (1618-byte packet size): 500 Mbps IPS throughput: 500 Mbps Connection rate: 20000 connections per second IPv4 routing table entries: 20000000 IPv6 routing table entries: 1000000 Concurrent sessions: 512000 Security policies: 4000 Maximum number of NAT rules: 2000 MAC addresses: 15000 IPSec VPN tunnels: 2048 GRE tunnels: 1024 Security 2005 IPSec VPN tunnels: 2048 GRE tunnels: 1024 Security 2005 IPSec VPN tunnels: 2048 GRE tunnels: 1024 Security 2005 IPSec VPN tunnels: 2048 GRE tunnels: 1024 Security 2006 IPSec VPN tunnels: 2048 GRE tunnels: 1024 Security 2006 IPSec VPN tunnels: 2048 GRE tunnels: 1024 Security 2000	Routing Protocol		
Performance 2 Gbps Firewall throughput (1518-byte packet size): S Gbps VPN throughput (IPSec): 300 Mbps IPS throughput: 500 Mbps VPN throughput (1400-byte packet size): 800 Mbps IPS throughput: 500 Mbps Connection rate: 2000 connections per second Pv4 routing table entries: 2000000 IPv6 routing table entries: 1000000 Concurrent sessions: 512000 Security policies: 4000 Maximum number of NAT rules: 2000 MAC addresses: 150001 IPSec VPN tunnels: 2048 GRE tunnels: 1024 Security zones: 64 Virtual conterts: 128 Virtual interfaces (VLANs): 3000 Maximum number of users: 200 Firewall protection, NAT support, VPN support, PAT support, IPv6 support, Intrusion Prevention System (IPS), URL filtering, DDos attack prevention, Weighted Random Early, Spanning Tree Protocol (RSTP) support, anti-spam protection, Velopited Random Early, Spanning Tree Protocol (RSTP) support, Anti-spam protection, Quality of Service (QoS), Dead Peer Detection (DPD), IPSec NAT-Traversal (NAT-T), DHCP server, IPv4 support, LLDP support, DHCP client, J-Flow, Inspect SSL Encrypted Traffic, Generic Routing Encapsulation (GRE), Diffserv Code Point (DSCP) support, MACSec support, anti-virus protection, Virtual Private LAN Service (VPLS), Label Distribution Protocol (LDP) Encryption Algorithm	Remote Management Protocol	SNMP, Telnet, HTTP, SSH, CLI	
Capacity Concurrent sessions: 512000 Security policies: 4000 Maximum number of NAT rules: 2000 MAC addresses: 15000 IPSec VPN tunnels: 2048 GRE tunnels: 1024 Virtual routers: 128 Virtual interfaces (VLANs): 3000 Maximum number of users: 200 Firewall protection, NAT support, VPN support, PAT support, IPv6 support, Intrusion Prevention System (IPS), URL filtering, DDos attack prevention, Weighted Random Early Detection (WRED), Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RTP) support, Bapparing Tree Protocol (RTP) support, PAT suppo	Performance	2 Gbps Firewall throughput (1518-byte packet size): 5 Gbps VPN throughput (IPSec): 300 Mbps VPN throughput (1400-byte packet size): 800 Mbps IPS	
Intrusion Prevention System (IPS), URL filtering, DDos attack prevention, Weighted Random Early Detection (WRED), Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, anti-spam protection, Quality of Service (QoS), Dead Peer Detection (DPD), IPSec NAT-Traversal (NAT-T), DHCP server, IPv4 support, LLDP support, DHCP relay, DHCP client, J-Flow, Inspect SSL Encrypted Traffic, Generic Routing Encapsulation (GRE), DiffServ Code Point (DSCP) support, MACsec support, anti-virus protection, Virtual Private LAN Service (VPLS), Label Distribution Protocol (LDP) Encryption Algorithm DES, Triple DES, MD5, IKE, SSL, SHA-1, PKI, 256-bit AES, IKEv2, 256-bit SHA Authentication Method Secure Shell (SSH), X.509 certificates Compliant Standards IEEE 802.1p, IEEE 802.1x IP Telephony VolP Protocols SDP Expansion / Connectivity	Capacity	Concurrent sessions: 512000 Security policies: 4000 Maximum number of NAT rules: 2000 MAC addresses: 15000 IPSec VPN tunnels: 2048 GRE tunnels: 1024 Security zones: 64 Virtual routers: 128 Virtual interfaces	
Authentication Method Secure Shell (SSH), X.509 certificates Compliant Standards IEEE 802.1p, IEEE 802.1x IP Telephony VoIP Protocols SDP Expansion / Connectivity	Features	Intrusion Prevention System (IPS), URL filtering, DDos attack prevention, Weighted Random Early Detection (WRED), Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, anti-spam protection, Quality of Service (QoS), Dead Peer Detection (DPD), IPSec NAT-Traversal (NAT-T), DHCP server, IPv4 support, LLDP support, DHCP relay, DHCP client, J-Flow, Inspect SSL Encrypted Traffic, Generic Routing Encapsulation (GRE), DiffServ Code Point (DSCP) support, MACsec support, anti-virus protection,	
Compliant Standards IEEE 802.1p, IEEE 802.1x IP Telephony VolP Protocols SDP Expansion / Connectivity	Encryption Algorithm	DES, Triple DES, MD5, IKE, SSL, SHA-1, PKI, 256-bit AES, IKEv2, 256-bit SHA	
IP Telephony VoIP Protocols SDP Expansion / Connectivity	Authentication Method	Secure Shell (SSH), X.509 certificates	
VoIP Protocols SDP Expansion / Connectivity	Compliant Standards	IEEE 802.1p, IEEE 802.1x	
Expansion / Connectivity	IP Telephony		
•	VoIP Protocols	SDP	
Expansion Slots 4 (total) / 4 (free) x expansion slot	Expansion / Connectivity		
	Expansion Slots	4 (total) / 4 (free) x expansion slot	

Interfaces	8 x 1000Base-T - RJ-45 8 x 1000Base-X - SFP (mini-GBIC) 1 x console - RJ- 45 1 x mini-USB 1 x USB 2.0 - Type A 1 x management - RJ-45	
Miscellaneous		
Included Accessories	Rack mount kit	
MTBF	240,000 hours	
Compliant Standards	FCC Class A certified, RoHS2	
Power		
Power Device	Internal power supply	
Installed Qty	2	
Max Supported Qty	2	
Power Consumption Operational	122 Watt	
Software / System Requirements		
OS Provided	JUNOS	
Software Included	Junos Software Base	
Environmental Parameters		
Min Operating Temperature	32 °F	
Max Operating Temperature	104 °F	
Humidity Range Operating	10 - 90% (non-condensing)	

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