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# Juniper ex3400 datasheet pdf file download for pc windows 10

The popular solitaire card game has been around for years, and can be downloaded and played on personal computers. There are numerous variations of solitaire that are usually played by one individual. Many of the following games are free to play and easy to use. The Classic GameThe classic game of solitaire that used to be played with a deck of cards can now be downloaded for Windows 10 on your computer and accessed by email. This digital version of the card game handles the shuffling and dealing of the cards for you. You basically play against yourself, with the computer as the dealer. On some PCs this game is also called Klondike.SpiderSpider is a variation of the traditional solitaire. It's part of the Microsoft software collection, and is one of the free solitaire games for PCs. The game is played using eight columns of cards lined in a row on the computer screen. The player aims to get rid of the cards in the quickest way with the fewest moves. A timer keeps track of the time elapsed as you compete with yourself.FreecellIn this solitaire variation, the player uses four cells to move cards around the virtual board. Eventually all the cards are cleared and the game ends. Some programs store the progress and scores for you to keep up with your plays. While the games are free, most have ads that pop up during play.PyramidPyramid is another free option. The game uses two cards coupled together and adding up to 13 that are removed from the deck (like a six and a seven or an eight and a five). Play continues with the remaining cards, and the goal of reaching 13 each time in order to continue. Pyramid is a fun and entertaining card game, and a great way to pass the time.TripeaksIn the game of Tripeaks, cards are selected in a sequence going up or down to accumulate points. This game and other solitaire variations are easily played by all ages. The programs that are downloaded on your computer are usually available to play on tablets and smartphones, too. This way, you can take your games with you when you're away from your computer. MORE FROM QUESTIONSANSWERED.NET Photo Courtesy: eclipse images/E+/Getty Images The world still dramatically slowed down due to the global novel coronavirus pandemic, many people are still confined to their homes and searching for ways to fill all their unexpected free time. When it comes to escaping the real world and killing a little time, it's hard to beat the magic of some PC gaming. If you're worried about what a gaming hobby could do to your tight budget right now, we've got you covered. The fun of gaming gets even better when you find games you love that you can play for free on your PC. Let's take a look at a few of the top-rated free PC games, according to Tech Radar and PC Magazine, across a range of genres. Fortnite Fortnite is arguably the most popular of the Battle Royale games to hit the tech world in quite some time. The game dumps you into a world with 99 other players, where you engage in a free-for-all battle until only a single player is left standing. Think that sounds bloodthirsty? Well, one of the best parts about the game is that you can play with your friends — regardless of which platform they have, PC or gaming console — so get ready for some "friendly" backstabbing. Photo Courtesy: @FortniteGame/Twitter Even if you aren't playing with friends, it's easy to find a match to join, and the game is highly addictive. If gathering resources, building structures and shooting at your enemies is what you look for in a game, Fortnite is the game for you. League of Legends League of Legends is one of the most highly played multiplayer online battle arena (MOBA) games available for the PC. In this game, you must coordinate with your teammates to destroy the opposing team's base. Don't expect to master the complexities of this game overnight, but the action starts as soon as you click the "play" button. Photo Courtesy: @LeagueOfLegends/Twitter The game rewards careful tactics and good teamwork and is always free to play, but if you want to keep your character after a week or add any special features and enhancements to your game play, you will have to pay a fee. League of Legends uses a freemium model where characters rotate weekly, and certain extras cost money. The game does provide opportunities to earn game currency as you play, which you can then use to purchase champions. Brawlhalla The "brawl" in Brawlhalla pretty much says it all for this fighting game that is similar to the popular Super Smash Bros. by Nintendo. You fight in competitions with up to four players, and the ultimate goal is to knock your opponent out of the arena to score points. Each character has its own set of weapons to use during a match. Like League of Legends, Brawlhalla engages in a weekly rotation of playable characters, but you can always purchase your favorites using in-game currency you collect as you play. Screenrant gave this fighting game a "Very Good" rating. Photo Courtesy: @Brawlhalla/Twitter Smite Smite is another popular MOBA, this one with its champions being gods from ancient pantheons and classic myths. Matches take place between five-person teams that focus on destroying their opponents' bases and towers. The game is played from a third-person perspective, making combat feel much more dynamic. Smite also features a rotating roster of free characters that can be permanently purchased with in-game currency or bought in packs with real cash. PC Gamer rated Smite an 86 out of 100, with particularly high marks for its arena combat. Photo Courtesy: @SMITEGame/Twitter Pro Evolution Soccer 2018 Lite Pro Evolution Soccer (PES) is one of the bestselling video game franchises of all-time around the world. Each year, new editions don't necessarily offer many new features versus previous years, but they do tend to introduce gaming improvements like better dribbling and player responsiveness. The game also continues to make an effort to perfect the fan-favorite Master League mode. Photo Courtesy: @officialpes/Twitter The "Lite" version of Pro Evolution Soccer is free and gives players access to the Online myClub and PES Matchday Mode, in addition to playing in Local and Co-op Matches and honing their skills in Training Mode. Some teams and stadiums are only available with the paid version of the game, but fan favorites like FC Barcelona and Manchester United are included. MORE FROM QUESTIONSANSWERED.NET Juniper Networks EX3400 Ethernet Switch delivers a high-performance, flexible, and cost-effective solution for today's most demanding converged data, voice, and video enterprise access environments. To simplify network operations, the EX3400 is hardware-ready to act as a satellite device to support a Juniper Networks Junos Fusion Enterprise deployment, which can combine several wiring closets into one logical management platform. The EX3400 also supports Juniper Networks Virtual Chassis technology, allowing up to 10 switches to be interconnected over uplink ports and managed as a single device, delivering a scalable, pay-as-you-grow solution for expanding network environments. The Juniper Networks EX3400 Ethernet Switch with Juniper Networks Junos® Fusion Enterprise and Virtual Chassis technology provides enterprises with the flexibility and ease of management that previously was only available with higher-end access switches. The fixed-configuration EX3400 supports a number of key features, including: Junos Fusion Enterprise allows large numbers of EX3400 switches to be configured as satellite devices that connect to an EX9200 core aggregation switch to create a single logical device. 24-port and 48-port models with and without Power over Ethernet (PoE/PoE+) are for campus wiring closet deployments. Data center-optimized cooling options offer both front-to-back and back-to-front airflow, making the EX3400 suitable for GBE data center access deployments. Two redundant, field-replaceable power supplies each provide up to 920 watts of power. 24-port data center models are included for metro deployments. Four dual-mode (GBE/10GbE) small form-factor pluggable transceiver (SFP/SFP+) uplink ports and two 40GbE QSFP+ ports are available. Uplink ports can be configured as Virtual Chassis interfaces and connected via standard 10GbE/40GbE optic interfaces (40GbE uplink ports are preconfigured by default as Virtual Chassis ports). Comprehensive Layer 2 functionality with RIP and static routing is provided. A compact, 13.6-inch deep 1 U form factor supports flexible deployment options. An easy-to-manage solution includes centralized software upgrades and a single management interface. Support is available for the same consistent modular Juniper Networks Junos operating system control plane feature implementation used by all other Juniper fixed-configuration Juniper Networks EX Series Ethernet Switches. Support is provided for Layer 3 (OSPF v2, IGMP v1/v2/v3, PIM, VRRP, Q-in-Q, BFD, virtual router) via an enhanced feature license (optional license required). Support is available for IPv6 management, including neighbor discovery, stateless auto configuration, telnet, SSH, DNS, system log, NTP, ping, traceroute, ACL, CoS static routing, and RIPvng. IPv6 routing features (OSPFv3, virtual router support for unicast, VRRPv6, PIM, MLDv1/v2) are supported via an enhanced feature license. Energy Efficient Ethernet (EEE) capability is provided. Junos Fusion Enterprise technology provides automated network configuration and simplifies scalability for medium to large enterprise networks. Using Juniper Networks EX9200 programmable switches as aggregation devices and switches as satellite nodes, Junos Fusion Enterprise technology can be deployed across a building (or multiple buildings) to connect large numbers of switches in a fabric that can be managed as a single device. With Junos Fusion technology, enterprises can reduce network complexity and operational costs by collapsing underlying network elements into a single logical point of control from Junos Osbased Juniper routing and switching platforms. It is designed for customers who need to cost-effectively deploy numerous switch ports throughout their enterprise campus network and manage them all from a central device. The EX3400 switches can be easily added to a Junos Fusion Enterprise architecture with a simple software upgrade, offering full investment protection. In Junos Fusion Enterprise deployments, satellite devices are not required to be individually connected to aggregation devices. Up to 10 satellite devices can be interconnected via standard 10GbE/40GbE interfaces to form a "cluster," which in turn can be connected to the aggregation device(s) using a pair of fiber uplinks. Satellite devices or clusters can also be dual-homed to the aggregation devices. In Junos Fusion Enterprise deployments, satellite devices forward all traffic to the aggregation device, enabling network administrators to monitor and manage the entire enterprise campus building from a single device. Features such as PoE/PoE+, LLDP-MED, and 802.1x are also supported in Junos Fusion Enterprise architectures to help meet enterprise campus requirements. EX3400 Junos Fusion Enterprise deployment Simplified Management and Operations Junos Fusion Enterprise technology dramatically simplifies EX3400 management by enabling a large number of devices to be managed from a single interface when deployed as satellite devices. With features such as plug-and-play deployment and rolling software upgrades, Junos Fusion Enterprise eliminates the need to individually manage every access switch in the enterprise environment, leading to lower operational costs and overall lower TCO. Virtual Chassis technology simplifies network management for smaller deployments. Up to 10 interconnected EX3400 switches can be managed as a single device utilizing a single Junos OS image and a single configuration file, reducing the overall number of units to monitor and manage. When the Junos OS is upgraded on the master switch in an EX3400 Virtual Chassis configuration, the software is automatically upgraded on all other member switches at the same time. In addition, a feature called system snapshot makes a copy of all software files used to run the switch, including the Junos operating system, the active configuration, and the rescue configuration. These copies can be used to reboot the switch the next time it is powered up or as a backup boot option. The Junos OS software can also be preinstalled on a flash drive and used to boot the EX3400 at any time. Another feature, called automatic software download, enables network administrators to easily upgrade the EX3400 using the DHCP message exchange process to download and install software packages. Users simply configure the automatic software download feature on EX3400 switches acting as DHCP clients and establish a path to the server where the software package file is installed. The server then communicates the path to the software package file through DHCP server messages. A zero touch provisioning (ZTP) feature allows a DHCP server to configure the details and software images to multiple switches at boot-up time. These system management features are available for the EX3400 line. The standard Junos OS CLI management interface offers the same granular capabilities and scripting parameters found in any router powered by the Junos operating system. The EX3400 also includes the integrated J-Web interface, an embedded Webbased device manager that allows users to configure, monitor, troubleshoot, and perform system maintenance, on individual switches via a browser-based graphical interface. Juniper Networks Junos Space Network Director software can be used to manage the EX3400, both as a standalone device and as satellite devices in a Junos Fusion Enterprise deployment. Finally, EX3400 fault, configuration, and performance data can also be exported to leading third-party management systems such as HP OpenView, IBM Tivoli, and Computer Associates Unicenter software, providing a complete, consolidated view of network operations. The EX3400 supports Juniper Networks Virtual Chassis technology, allowing up to 10 switches to be interconnected over uplink ports and managed as a single logical device, delivering a scalable, pay-as-you-grow solution for expanding network environments. When deployed in a Virtual Chassis configuration, the EX3400 switches elect a primary and backup switch based on a set of criteria or preconfigured policies. The master switch automatically creates and updates the switching and optional routing tables on all switches in the Virtual Chassis configuration. Virtual Chassis technology allows switches to be added or removed without service disruption. An EX3400 Virtual Chassis configuration operates as a highly resilient unified system, providing simplified management using a single IP address, single telnet session, single command-line interface (CLI), automatic version checking, and automatic configuration. The EX3400 switches are also capable of local switching, so that packets coming into a port destined for another port on the same switch do not have to traverse the Virtual Chassis, increasing the forwarding capacity of the switch. The EX3400 implements the same slot/module/port numbering schema as other Juniper Network switches. Policy infrastructure, which consolidates all aspects of a user's identity, device, and location, enabling administrators to enforce access control and security down to the individual port or user levels. Working as an enforcement point in the Access Policy Infrastructure, the EX3400 provides both standards-based 802.1x port-level access control and implementation and operation of control plane features across all products. To maintain that consistency, Junos OS adheres to a highly disciplined development process that uses a single source code and employs a highly available modular architecture that prevents isolated failures from bringing an entire system down. These attributes are fundamental to the core value of the software, enabling all Junos OS-powered products to be updated simultaneously with the same software release. All features are fully regression tested, making each new release a true superset of the previous version. Customers can deploy the software with complete confidence that all existing capabilities are maintained and operate in the same way. Converged Environments The EX3400 switches provide a flexible solution for demanding converged data, voice, and video environments. The EX3400-24P and EX3400-48P support PoE+, delivering up to 30 watts of power per port to support networked devices such as telephones, video cameras, IEEE 802.11ac wireless LAN (WLAN) access points, and videophones. The PoE+ standard provides nearly double the 15.4 watts per port available with the IEEE 802.3af PoE standard. High Availability The EX3400 line of Ethernet switches is designed to support many of the same failover capabilities and high availability (HA) functionality as other Juniper EX access switches with Virtual Chassis technology. Each EX3400 switch is capable of functioning as a Routing Engine (RE) when deployed in a Virtual Chassis configuration. When two or more EX3400 switches are interconnected in a Virtual Chassis configuration, all member switches share a single control plane. Junos OS automatically initiates an election process to assign a primary (active) and backup (hot-standby) Routing Engine. An integrated Layer 2 and Layer 3 graceful Routing Engine switchover (GRES) feature maintains uninterrupted access to applications, services, and IP communications in the unlikely event of a master Routing Engine failure. When more than two switches are interconnected in a Virtual Chassis configuration, the remaining switch elements act as line cards and are available to take on the backup Routing Engine position should the designated master fail. Master, backup, and line card priority status can be assigned by the network operations team to dictate the order of ascension. This N+1 Routing Engine redundancy—coupled with GRES, the nonstop routing (NSR), and, in the future, the nonstop bridging (NSB) capabilities of Junos OS—ensures a smooth transfer of control plane functions following unexpected failures. The EX3400 also supports the following HA features: Redundant trunk group—To avoid the complexities of Spanning Tree Protocol (STP) without sacrificing network resiliency, the EX3400 employs redundant trunk groups to provide the necessary port redundancy and simplify switch configuration. Cross-member link aggregation—Cross-member link aggregation allows redundant link aggregation connections between devices in a single Virtual Chassis configuration, providing an additional level of reliability and availability. Nonstop bridging (NSB) and nonstop active routing (NSR)—NSB and NSR on the EX3400 switch ensure control plane protocols, states, and tables are synchronized between master and backup REs to prevent protocol flaps or convergence issues following a Routing Engine failover. • Nonstop software upgrade (NSSU)—With NSSU, all members of an EX3400 Virtual Chassis configuration can be upgraded with a single command. Mission-critical traffic can be configured as a link aggregate across multiple Virtual Chassis switch members, ensuring minimal disruption during the upgrade process. Enhanced Limited Lifetime Warranty The EX3400 includes an enhanced limited lifetime hardware warranty that provides return-to-factory switch replacement for as long as the original purchaser owns the product. The warranty includes lifetime software updates, advanced shipping of spares within one business day, and 24x7 Juniper Networks Technical Assistance Center (JTAC) support for 90 days after the purchase date. Power supplies and fan trays are covered for a period of five years. Juniper also offers a comprehensive suite of network management tools that provide a smart, simple, and open approach for automating the deployment and operation of a Juniper infrastructure. These tools are based on a single network application platform called Juniper Networks Junos Space, an open, programmable application platform for managing network infrastructure and operational applications across the entire management life cycle of the network. Explicitly designed to allow partners and customers to build and deploy smart, simple, and easy-to-use applications, Junos Space provides multiple management and infrastructure applications for managing Juniper resources and assets, including inventory management, device and interface configuration, automated software management and deployment, and event-driven fault management. These platform applications are embedded within the core product, allowing users to control any part of their environment when used in conjunction with multiple add-on applications. Junos Space supports a full portfolio of applications for automating network infrastructure and operations covering the campus LAN and data center network environments. Designed to automate the configuration, visualization, monitoring, and administration of large switch and router networks, these Junos Space applications offer predefined automation schemes and best practice templates to enable rapid and accurate deployments. When managing a group of EX2300 switches, the Junos Space platform and associated applications provide network-level management across all Juniper Networks switches from a single console. Network Director can manage the EX3400 as standalone switches as well as satellite devices in a Junos Fusion Enterprise fabric. Model: EX3400-48T/P Dimensions (W x H x D) 17.4 x 1.72 x 13.8 in (44.2 x 4.4 x 35 cm) System Weight EX3400 switch (no power supply or fan module): 10.49 lb (4.76 kg) maximum EX3400 switch (with single power supply and two fan modules): 12.65 lb (5.74 kg) maximum 150 W AC power supply: 1.43 lb (0.65 kg) 600 W AC power supply: 1.82 lb (0.83 kg) 920 W AC power supply: 1.87 lb (0.85 kg) 150 W DC power supply: 1.43 lb (0.65 kg) Fan module: 0.16 lb (0.07 kg) Rack mountable 1 Rack Unit Backplane 160 Gbps (with QSFP+ ports) or 80 Gbps (with SFP+ ports) Virtual Chassis interconnect to link up to 10 switches as a single logical device Uplink Fixed 4-port uplinks can be individually configured as GbE (SFP) or 10GbE (SFP+) ports; 2 x 40G QSFP+ ports Switching Engine Model Store and forward DRAM 2 GB with ECC Flash 2 GB CPU Dual Core 1 GHz GbE port density per system 54 (48 host ports + four 1/10 GbE and two 40GbE uplink ports) Physical Layer Cable diagnostics for detecting cable breaks and shorts Auto medium-dependent interface/medium-dependent interface (MDI/MDIX) support Port speed downshift/setting maximum advertised speed on 10/100/1000BASE-T ports Digital optical monitoring for optical ports Packet-Switching Capacities (Maximum with 64-Byte Packets) 336 Gbps Power Supplies EX3400-48T/EX3400-48T-AFI: 150W EX3400-48P: 920W Operating Temperature 32° to 113° F (0° to 45° C) Storage Temperature -40° to 158° F (-40° to 70° C) Relative Humidity (Operating) 10% to 85% (noncondensing) Relative Humidity (Non-Operating) 0% to 95% (noncondensing) Altitude (Operating) Up to 10,000 ft (3048 m) Altitude (Non-Operating) Up to 16,000 ft (4877 m) Noise Specifications Noise measurements are based on operational tests taken from bystander position (front) and performed at 23° C in compliance with ISO 7779. Acoustic Noise in DBA EX3400-48T: 35 EX3400-48T-AFI: 39 EX3400-48P: 46 Safety Certifications UL-UL60950-1 (Second Edition) C-UL to CAN/CSA 22.2 No.60950-1 (Second Edition) TUV/GS to EN 60950-1 (Second Edition), Amendment A1-A4, A11 CB-IEC60950-1 (Second Edition with all country deviations) EN 60825-1 (Second Edition) Electromagnetic Compatibility Certifications FCC 47CFR Part 15 Class A EN 55022 Class A ICES-003 Class A VCCI Class A AS/NZS CISPR 22 Class A CISPR 22 Class A EN 55024 EN 55028 EN 300386 CE Telecom Quality Management TL9000 Environmental Reduction of Hazardous Substances (ROHS) 6 Telco CLEI code Warranty Enhanced limited lifetime switch hardware warranty Layer 2/Layer 3 Throughput (Mpps) (Maximum with 64 Byte Packets) Layer 2 Features Maximum MAC addresses in hardware: 32,000 Junos frames: 9216 bytes Number of VLANs supported: 4,096 Range of possible VLAN IDs: 1-4094 Port-based VLAN MAC-based VLAN Store and forward Per-VLAN Spanning Tree Plus (PVST+) RV1 (Routed VLAN Interface) Persistent MAC (sticky MAC) • RSTP running concurrently IEEE 802.1AB: Link Layer Discovery Protocol (LLDP) LLDP-MED with VoIP integration IEEE 802.1ae Media Access Control Security (MACsec) IEEE 802.1ak Multicast VLAN Registration Protocol (MVRP) IEEE 802.1br: Bridge Port Extension IEEE 802.1D: Spanning Tree Protocol IEEE 802.1P: CoS prioritization IEEE 802.1Q-in-Q: VLAN tagging IEEE 802.1x: Multiple Spanning Tree Protocol (MSTP) Number of MST instances supported: 64 Number of VSTP instances supported: 510 IEEE 802.1x: Rapid Spanning Tree Protocol (RSTP) IEEE 802.1x: Port access control IEEE 802.1x: 10BASE-T IEEE 802.3ab: 100BASE-T IEEE 802.3ad: Link Aggregation Control Protocol (LACP) IEEE 802.1ad Q-in-Q tunneling IEEE 802.3ae: 10-Gigabit Ethernet IEEE 802.3af: PoE IEEE 802.3at: PoE+ IEEE 802.3u: 100BASE-T IEEE 802.3z: 100BASE-X Layer 3 VLAN-tagged subinterface PVLAN support Multicast VLAN routing Adding/removing single tag Filter-based SVLAN tagging Flexible CoS (outer .IP marking) Layer 3 Features: IPv4 Maximum number of ARP entries: 16,000 Maximum number of IPv4 unicast routes in hardware: 14,000 prefixes; 36,000 host routes Maximum number of IPv4 multicast routes in hardware: 18,000 groups; 4,000 multicast routes Routing Protocols: RIPv1/v2, OSPF v2 Static routing Layer 3 redundancy: VRRP IP directed broadcast—traffic forwarding Virtual router (VRF-Lite) supporting RIP, OSPF Routing policy Filter-based forwarding (FBF) Unicast reverse-path forwarding Layer 3 Features: IPv6 Maximum number of Neighbor Discovery entries: 8,000 Maximum number of IPv6 unicast routes in hardware: 3,500 prefixes; 18,000 host routes Maximum number of IPv6 multicast routes in hardware: 9,000 groups; 2,000 multicast routes Neighbor discovery, system logging, Telnet, SSH, Junos Web, SNMP, Network Time Protocol (NTP), Domain Name System (DNS) Routing protocols: RIPvng, OSPF v3 Static routing IPv6 ACL (PACL, VACL, RACL) IPv6 CoS (BA, MF classification and rewrite, scheduling based on TC) MLDv1/v2 snooping IPv6 ping, traceroute IPv6 stateless auto-configuration IPv6 Layer 3 forwarding in hardware IPv6 Layer 3 redundancy: VRRP v6 Virtual Router support for IPv6 unicast PIM for IPv6 multicast Services and Manageability Junos OS CLI Web interface, Junos Web support • Out-of-band management: Serial, 10/100BASE-T Ethernet • ASCII configuration • Rescue configuration • Configuration rollback • Image rollback • Element management tools: Junos Space Network Management Platform • Real-time performance monitoring (RPM) • SNMP v1, v2c, v3 • Remote monitoring (RMON) (RFC 2819) Groups 1, 2, 3, 9 • Network Time Protocol (NTP) • DHCP server • DHCP client and DHCP proxy • DHCP relay and helper • VR-aware DHCP • RADIUS authentication • TACACS+ authentication • SSHv2 • Secure copy • HTTP/HTTPS • DNS resolver • System logging • Temperature sensor • Configuration backup via FTP/secure copy • sFlow • Interface Jones • Port profile associations • Uplink failure detection • Zero Touch Provisioning using DHCP Supported RFCs RFC 768 UDP RFC 783 Trivial File Transfer Protocol (TFTP) RFC 791 IP RFC 792 Internet Control Message Protocol (ICMP) RFC 793 TCP RFC 826 ARP RFC 854 Telnet client and server RFC 894 IP over Ethernet RFC 903 Reverse ARP (RARP) RFC 906 Bootstrap Loading using TFTP RFC 951, 1542 BootP RFC 1027 Proxy ARP RFC 1058 RIP v1 RFC 1122 Requirements for Internet Hosts RFC 1256 IPv4 ICMP Router Discovery (IRD) RFC 1492 TACACS+ RFC 1519 Classless Interdomain Routing (CIDR) RFC 1591 Domain Name System (DNS) RFC 1812 Requirements for IP Version 4 routers RFC 2030 Simple Network Time Protocol (SNTP) RFC 2068 HTTP/1.1 RFC 2131 BOOTP/DHCP relay agent and DHCP server RFC 2138 RADIUS Authentication RFC 2139 RADIUS Accounting RFC 2267 Network Ingress Filtering RFC 2328 OSPF v2 RFC 2453 RIP v2 RFC 2474 DiffServ Precedence, including 8 queues/port RFC 2597 DiffServ Assured Forwarding (AF) RFC 2598 DiffServ Expedited Forwarding (EF) RFC 2710 Multicast Listener Discovery Version (MLD) for IPv6 RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations RFC 3569 PIM SSM RFC 3579 RADIUS Extensible Authentication Protocol (EAP) support for 802.1x RFC 3618 Multicast Source Discovery Protocol (MSDP) RFC 3768 VRRP RFC 3973 PIM DM RFC 4601 PIM SM RFC 5176 Dynamic Authorization Extensions to RADIUS Supported MIBs\* RFC 1155 Structure of Management Information (SMI) RFC 1157 SNMPv1 RFC 1212, RFC 1213, RFC 1215 MIB-II, Ethernet-like MIB, and TRAPS RFC 1493 Bridge MIB RFC 1643 Ethernet MIB RFC 1724 RIPv2 MIB RFC 1905 RFC 1907 SNMP v2c, SMIV2 and Revised MIB-II RFC 1981 Path MTU Discovery for IPv6 RFC 2011 SNMPv2 Management Information Base for the IP using SMIV2 RFC 2012 SNMPv2 Management Information Base for the Transmission Control Protocol using SMIV2 RFC 2013 SNMPv2 Management Information Base for the User Datagram Protocol using SMIV2 RFC 2096 IPv4 Forwarding Table MIB RFC 2287 System Application Packages MIB RFC 2328 OSPF v2 RFC 2460 IPv6 Specification RFC 2464 Transmission of IPv6 Packets over Ethernet Networks RFC 2570-2575 SNMPv3, User-based Security, Encryption, and Authentication RFC 2576 Coexistence between Version 1, Version 2, and Version 3 of the Internet-standard Network Management Framework RFC 2578 SNMP Structure of Management Information MIB RFC 2579 SNMP Textual Conventions for SMIV2 RFC 2665 Definitions of Managed Objects for the Ethernetlike Interface Types RFC 2819 RMON MIB RFC 2863 Interface Group MIB RFC 2863 The Interfaces Group MIB RFC 2922 LLDP MIB RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations RFC 3413 SNMP Application MIB RFC 3414 User-based Security Model for SNMPv3 RFC 3415 User-based Access Control Model (VACM) for SNMP RFC 3484 Default Address Selection for IPv6 RFC 3621 PoE-MIB (PoE switches only) RFC 3810 Multicast Listener Discovery Version 2 (MLDv2) for IPv6 RFC 4188 STP and Extensions MIB RFC 4213 Basic Transition Mechanisms for IPv6 Hosts and Routers RFC 4291 IPv6 Addressing Architecture RFC 4363 Definitions of Managed Objects for Bridges with Traffic Classes, Multicast Filtering, and VLAN Extensions RFC 4443 ICMPv6 for the IPv6 Specification RFC 4861 Neighbor Discovery for IPv6 RFC 4862 IPv6 Stateless Address Autoconfiguration RFC 5643 OSPF v3 MIB Support IEEE 802.1ad Q-in-Q Draft - internal - um - 08 Draft - reader - ssmv3 - um - 3desede -00 Troubleshooting Debugging: CLI via console, telnet, or SSH Diagnostics: Show and debug command statistics Traffic mirroring (port) Traffic mirroring (VLAN) ACL-based mirroring (mirroring destination ports per system; 4 LAG port monitoring Multiple destination ports monitored to 1 mirror (N:1) Maximum number of mirroring sessions: 4 Mirroring to remote destination (over L2); 1 destination VLAN Encapsulated Remote Switched Port Analyzer (ERSPAN) IP tools: Extended ping and trace Juniper Networks commit and rollback \*Each switch comes with RJ-45-to-D8-9 serial port adapter, 19" rack mount kit and connector retainer. Each system also ships with a power cord for the country for which it is shipped. Top View Front View Rear View Left Angle View Download the Juniper Networks EX3400 Series Data Sheet (PDF).





