JUNIPER
NETWORKS

SUBJECT:	Hardware End of Life Announcement – EX8200
BULLETIN NUMBER:	TSB16960
BULLETIN TYPE:	Product Support Notification
AFFECTED PRODUCTS:	EX8200
ISSUE DATE:	July 21, 2016
REVISION:	2.0

Revision Number	Date	Revision Description
1.0	07/01/2016	Original EOL Announcement/Technical Service Bulletin.
2.0	07/21/2016	Removed duplicate model number entries in the affected products table. Add clarifying statement on the replacement product.

OVERVIEW:

This document announces the End of Life for the affected products listed in the table below. This EOL announcement is effective immediately with a Last Order Date (LOD) of January 1, 2017.

AFFECTED PRODUCTS:

EOL Model Number	Product Description	Last Software Version
EX8200-48F	48-port 100FX/1000BASE-X SFP line card; requires SFP optics sold separately	15.1
EX8200-48F-ES	48-port 100FX/1000BASE-X SFP Extra Scale line card; requires SFP optics sold separately	15.1
EX8200-48T	48-port 10/100/1000BASE-T RJ-45 line card	15.1
EX8200-48T-ES	48-port 10/100/1000BASE-T RJ-45 Extra Scale line card	15.1
EX8200-8XS	8-port 10GbE SFP+ line card; requires SFP+ optics sold separately	15.1
EX8200-8XS-ES	8-port 10GbE SFP+ Extra Scale line card; requires SFP+ optics sold separately	15.1
EX8208-BASE-AC	Base EX8208 system configuration: 8-slot chassis with passive backplane and 1x fan tray, 1x routing engine with switch fabric, 1x switch fabric module, 2x 2000W AC PSUs with power cords, and all necessary blank panels	15.1
EX8208-BASE-AC3	Base EX8208 3kW AC system configuration: 8-slot chassis with passive backplane and 1x fan tray, 1x routing engine with switch fabric, 1x switch fabric module, 2x 3000W AC PSUs with power cords, and all necessary blank panels	15.1
EX8208-REDUND-AC	Redundant EX8208 system bundle: 8-slot chassis with passive backplane and 1x fan tray, 2x routing engine with switch fabric, 1x switch fabric module, 6x 2000W AC PSUs with power cords, and all necessary blank panels	15.1
EX8208-REDUND-DC	Redundant EX8208 DC power system configuration: 8-slot chassis with passive backplane and 1x fan tray, 2x routing engine with switch fabric, 1x switch fabric module, 4x 2000W redundant-input DC PSUs, and all necessary blank panels	15.1
EX8216-BASE-AC	Base EX8216 system configuration: 16-slot chassis with passive midplane and 2x fan trays, 1x routing engine, 8x switch fabric modules, 2x 3000W AC PSUs with power cords, and all necessary blank panels	15.1

EOL Model Number	Product Description	Last Software Version
EX8216-REDUND-AC	Redundant EX8216 system configuration: 16-slot chassis with passive midplane and 2x fan trays, 2x routing engines, 8x switch fabric modules, 6x 3000W AC PSUs with power cords, and all necessary blank panels	15.1
EX8216-REDUND-AC2	Redundant EX8216 2kW AC system configuration: 16-slot chassis with passive midplane and 2x fan trays, 2x routing engines, 8x switch fabric modules, 6x 2000W AC PSUs with power cords, and all necessary blank panels	15.1
EX8216-REDUND-DC	Redundant EX8216 DC power system configuration: 16-slot chassis with passive midplane and 2x fan trays, 2x routing engines, 8x switch fabric modules, 4x 3000W redundant-input DC PSUs, and all necessary blank panels	15.1
EX8200-48F-TAA	48-port 100FX/1000BASE-X SFP TAA-compliant line card; requires SFP optics sold separately	15.1
EX8200-48T-TAA	48-port 10/100/1000BASE-T RJ-45 TAA-compliant line card	15.1
EX8200-8XS-TAA	8-port 10GbE SFP+ TAA-compliant line card; requires SFP+ optics sold separately	15.1
EX8208-BASE-AC-TAA	Base EX8208 TAA-compliant system configuration: 8-slot chassis with passive backplane and 1x fan tray, 1x routing engine with switch fabric, 1x switch fabric module, 2x 2000W AC PSUs	15.1
EX8208-REDUND-AC-TAA	Redundant EX8208 TAA-compliant system configuration: 8-slot chassis with passive backplane and 1x fan tray, 2x routing engine with switch fabric, 1x switch fabric module, 6x 2000W AC	15.1
EX8216-BASE-AC-TAA	Base EX8216 TAA-compliant system configuration: 16-slot chassis with passive midplane and 2x fan trays, 1x routing engine, 8x switch fabric modules, 2x 3000W AC PSUs with power cords, and all necessary blank panels	15.1
EX8216-REDUND-AC-TAA	Redundant EX8216 TAA-compliant system bundle: 16-slot chassis with passive midplane and 2x fan trays, 2x routing engines, 8x switch fabric modules, 6x 3000W AC PSUs with power cords, and all necessary blank panels	15.1
EX8200-LC-BLANK	EX8200 line card blank cover panel, spare	15.1
EX8200-PWR-BLANK	EX8200 power supply blank cover panel, spare	15.1
EX8200-RE-BLANK	EX8200 RE blank cover panel, spare	15.1
EX8208-CHAS-S	EX8208 chassis with backplane, spare	15.1
EX8208-FAN-S	EX8208 fan tray, spare	15.1
EX8208-PKG-S	EX8208 shipping container, spare	15.1
EX8208-SF320-S	Switch Fabric module for EX8208, spare	15.1
EX8216-CHAS-S	EX8216 chassis with midplane, spare	15.1
EX8216-FAN-S	EX8216 fan tray, spare	15.1
EX8216-PKG-S	EX8216 shipping container, spare	15.1
EX8216-SF320-S	Switch Fabric module for EX8216, spare	15.1
EX8200-PWR-AC2K	AC Power Supply, 2000W at 220V (1200W at 110V), redundant (AC power cords sold separately)	15.1

EOL Model Number	Product Description	Last Software Version
EX8200-PWR-AC3K	AC Power Supply, 3000W at 220V, redundant (AC power cords sold separately)	15.1
EX8200-PWR-DC2KR	DC Power Supply with dual redundant inputs, 2000W at -48V, redundant	15.1
EX8200-PWR-DC3KR	DC Power Supply with dual redundant inputs, 3000W at -48V, redundant	15.1
EX-XRE200-PWR-250-AC	XRE200 AC Power Supply (250W), spare	15.1
EX-XRE200-PWR-560-DC	XRE200 DC power supply (560W), spare	15.1
EX-XRE200-1GE-4F	XRE200 4 port 1G SFP card (optics sold separetly)	15.1
EX-XRE200-1GE-4T	XRE200 4 port 10/100/1000 BASE-T RJ-45 IO card	15.1
RE-USB-1G-S	Upgrade Kit for 1G USB for RE-A-1000 and RE-A-2000, M320/T640/T320, M120, T1600	16.2R1
RE-USB-2G-S	USB media upgrade/spare for RE, 2GB	16.2R1

REPLACEMENT PRODUCT:
The replacement product for the **EX8200 line** of Ethernet Switches is the **EX9200 line** of Ethernet Switches. The following table is a list of all EX9200 model numbers.

LIST OF EX9200 MODEL NUMBERS:

Model Number	Product Description	Min Software Version
EX9200-10XS-MIC	EX9200 Modular Interface Card (MIC) for EX9200-MPC, 10-Port 10GbaseX (Half-Slot); Requires SFP+ Optics Sold Separately	14.2R6
EX9200-12QS	12-port multi-rate card, 10/40/100GbE capable; requires SFP+/QFFP+/QSFP28 optics sold separately	14.2R6
EX9200-20F-MIC	EX9200 Modular Interface Card (MIC) for EX9200-MPC, 20-Port GbaseX (Half-slot); Requires SFP Optics Sold Separately	14.2R6
EX9200-2C-8XS	EX9200, 2-Port 100GbE + 8-Port 10GbE Line Card (Optics Sold Separately)	14.2R6
EX9200-32XS	32-port 10GbE SFP+ line card; requires SFP+ optics sold separately	14.2R6
EX9200-40F	EX9200, 40-Port 100FX/1000BASE-X SFP Line Card, requires SFP (Optics Sold Separately)	14.2R6
EX9200-40F-M	40-port 100FX/1000BASE-X SFP line card; MACsec capable; requires SFP optics sold separately	14.2R6
EX9200-40T	EX9200, 40-Port 10/100/1000BASE-T RJ-45 Line Card	14.2R6
EX9200-40T-MIC	EX9200 modular Interface card (MIC) for EX9200-MPC, 40-port 10/100/1000 GbaseT RJ-45 (full-slot)	14.2R6
EX9200-40XS	40-port 10GbE SFP+ line card; MACsec capable; requires SFP+ optics sold separately	14.2R6
EX9200-6QS	6-port 40GbE QSFP+ or 24-port SFP+ combo line card; optics sold separately	14.2R6
EX9200-LC-SF-BLANK	EX9200, Line Card, Switch Fabric Blank Cover Panel, Spare	14.2R6
EX9200-MPC	EX9200 modular port card (MPC)	14.2R6

Model Number	Product Description	Min Software Version
EX9200-RE	EX9200, Routing Engine, Quad Core 1800Ghz with 16G Memory	14.2R6
EX9200-RE-BLANK	EX9200, RE Blank Cover Panel, Spare	14.2R6
EX9200-SF	EX9200, Switch Fabric Module	14.2R6
EX9200-SF2	EX9200 Switch Fabric 2 Module	14.2R6
EX9200-SFL	Security feature license for EX9200	14.2R6
EX9204-AFL	EX9204, Advanced Feature License	14.2R6
EX9204-BASE-AC	EX9204 Base System Configuration, 4-Slot Chassis with Passive Midplane and 1x Fan Trays, 1x Routing Engines, 1x Switch Fabric Module s, 2x 2520W AC PSUs, and all necessary blank panels	14.2R6
EX9204-BASE-AC-T	Base EX9204 TAA system configuration: 4-slot chassis with passive midplane and 1x fan trays, 1x routing engines, 1x switch fabric m odules, 2x 2520W AC PSUs, and all necessary blank panels	14.2R6
EX9204-BASE3A-AC	Base EX9204 system configuration: 4-slot chassis with passive midplane and 1x fan tray, 1x routing engine, 1x switch fabric-2 module , 2x 2520W AC PSUs, and all necessary blank panels	14.2R6
EX9204-CHAS-S	EX9204, 4-Slot Chassis with Passive Midplane	14.2R6
EX9204-CHAS3-S	EX9204 Chassis 3 with Passive Midplane	14.2R6
EX9204-ML	EX9204 Mid Scale License to Enable 512K ARP Entries (only 1 License needed per chassis)	14.2R6
EX9204-RED-AC-T	Redundant EX9204 TAA system configuration: 4-slot chassis with passive midplane and 1x fan tray, 2x routing engines, 2x switch fabr ic modules, 4x 2520W AC PSUs, and all necessary blank panels	14.2R6
EX9204-REDUND-AC	EX9204 Redundant System Configuration, 4-Slot Chassis with Passive Midplane and 1x Fan Tray, 2x Routing Engines, 2x Switch Fabric Mo dules, 4x 2520W AC PSUs, and all necessary blank panels	14.2R6
EX9204-REDUND-DC	EX9204 Redundant System Configuration, 4-Slot Chassis with Passive Midplane and 1x Fan Tray, 2x Routing Engines, 2x Switch Fabric Mo dules, 2x 2400W DC PSUs, and all necessary blank panels	14.2R6
EX9204-REDUND3A-AC	Redundant EX9204 system configuration: 4-slot chassis with passive midplane and 1x fan tray, 2x routing engines, 2x switch fabric-2 modules, 4x 2520W AC PSUs, and all necessary blank panels	14.2R6
EX9204-REDUND3A-DC	Redundant EX9204 system configuration: 4-slot chassis with passive midplane and 1x fan tray, 2x routing engines, 2x switch fabric-2 modules, 2x 2400W DC PSUs, and all necessary blank panels	14.2R6
EX9208-AFL	EX9208, Advanced Feature License	14.2R6
EX9208-BASE-AC	EX9208 Base System Configuration, 8-Slot Chassis with Passive Midplane and 1x Fan Trays, 1x Routing Engines, 1x Switch Fabric Module s, 3x 2520W AC PSUs, and all necessary blank panels	14.2R6

Model Number	Product Description	Min Software Version
EX9208-BASE-AC-T	Base EX9208 TAA system configuration: 8-slot chassis with passive midplane and 1x fan trays, 1x routing engines, 1x switch fabric m odules, 3x 2520W AC PSUs, and all necessary blank panels	14.2R6
EX9208-BASE3A-AC	Base EX9208 system configuration: 8-slot chassis with passive midplane and 1x fan tray, 1x routing engine, 1x switch fabric-2 module s, 3x 2520W AC PSUs, and all necessary blank panels	14.2R6
EX9208-CHAS-S	EX9208, 8-Slot Chassis with Passive Midplane	14.2R6
EX9208-CHAS3-S	EX9208 Chassis 3 with Passive Midplane	14.2R6
EX9208-ML	EX9208 Mid Scale License to Enable 512K ARP Entries (only 1 License needed per chassis)	14.2R6
EX9208-RED-AC-T	Redundant EX9208 TAA system configuration: 8-slot chassis with passive midplane and 1x fan tray, 2x routing engines, 2x switch fabr ic modules, 4x 2520W AC PSUs, and all necessary blank panels	14.2R6
EX9208-REDUND-AC	EX9208 Redundant System Configuration, 8-Slot Chassis with Passive Midplane and 1x Fan Tray, 2x Routing Engines, 2x Switch Fabric Mo dules, 4x 2520W AC PSUs, and all necessary blank panels	14.2R6
EX9208-REDUND-DC	EX9208 Redundant System Configuration, 8-Slot Chassis with Passive Midplane and 1x Fan Tray, 2x Routing Engines, 2x Switch Fabric Mo dules, 4x 2400W DC PSUs, and all necessary blank panels	14.2R6
EX9208-REDUND3A-AC	Redundant EX9208 system configuration: 8-slot chassis with passive midplane and 1x fan tray, 2x routing engines, 2x switch fabric-2 modules, 4x 2520W AC PSUs, and all necessary blank panels	14.2R6
EX9208-REDUND3A-DC	Redundant EX9208 system configuration: 8-slot chassis with passive midplane and 1x fan tray, 2x routing engines, 2x switch fabric-2 modules, 4x 2400W DC PSUs, and all necessary blank panels	14.2R6
EX9214-AFL	EX9214, Advanced Feature License	14.2R6
EX9214-BASE3-AC	EX9214 Base System Configuration, 14-Slot Chassis with Passive Midplane and 2x Fan Trays, 1x Routing Engines, 2x Switch Fabric Modul es, 3x 4100W AC PSUs, and all necessary blank panels	14.2R6
EX9214-BASE3-AC-T	Base EX9214 TAA system configuration: 14-slot chassis with passive midplane and 2x fan trays, 1x routing engines, 2x switch fabric modules, 3x 4100W AC PSUs, and all necessary blank panels	14.2R6
EX9214-BASE3A-AC	Base EX9214 system configuration: 14-slot chassis with passive midplane and 2x fan trays, 1x routing engine, 2x switch fabric-2 modu les, 3x 4100W AC PSUs, and all necessary blank panels	14.2R6
EX9214-CHAS3-S	EX9214, 14-Slot Chassis with Passive Midplane	14.2R6
EX9214-ML	EX9214 Mid Scale License to Enable 512K ARP Entries (only 1 License needed per chassis)	14.2R6

Model Number	Product Description	Min Software Version
EX9214-RED3-AC-T	Redundant EX9214 TAA system configuration: 14-slot chassis with passive midplane and 2x fan trays, 2x routing engines, 3x switch fa bric modules, 4x 4100W AC PSUs, and all necessary blank panels	14.2R6
EX9214-REDUND3-AC	EX9214 Redundant System Configuration, 14-Slot Chassis with Passive Midplane and 2x Fan Trays, 2x Routing Engines, 3x Switch Fabric Modules, 4x 4100W AC PSUs, and all necessary blank panels	14.2R6
EX9214-REDUND3-DC	EX9214 Redundant System Configuration, 14-Slot Chassis with Passive Midplane and 2x Fan Trays, 2x Routing Engines, 3x Switch Fabric Modules, 4x 4100W DC PSUs, and all necessary blank panels	14.2R6
EX9214-REDUND3A-AC	Redundant EX9214 system configuration: 14-slot chassis with passive midplane and 2x fan trays, 2x routing engines, 3x switch fabric- 2 modules, 4x 4100W AC PSUs, and all necessary blank panels	14.2R6
EX9214-REDUND3A-DC	Redundant EX9214 system configuration: 14-slot chassis with passive midplane and 2x fan trays, 2x routing engines, 3x switch fabric- 2 modules, 4x 4100W DC PSUs, and all necessary blank panels	14.2R6
RE-USB-4G-S	USB media upgrade/spare for RE, 4GB	14.2R6

END OF LIFE TIMETABLE:

EOL Timetable Milestone	Definition of Action	Effective Date
End-of-life Notification	Product Support Notification released that announces end of life of a product.	07/01/2016
Last Order Date	Last day to buy product, order a new service contract, or add product to an existing support contract. Thereafter, products and services are removed from price lists.	01/01/2017
End-of-warranty service conversion	Last date to convert warranty coverage for products purchased prior to EOL to a support contract.	01/01/2018
First service step-down	The available services offerings for the product will be capped at Next-day and Next-day Onsite support. Same-day and Same-day onsite support will be discontinued.	01/01/2019
End of Software Engineering support date	EOSE is the date after which Juniper is no longer committed to furnish Software Engineering level support for the operating system software licensed for the affected hardware. This means that no further Releases (e.g. service or maintenance releases or patches) will be created for the support of the affected hardware product. JTAC support will generally be limited to investigation and troubleshooting in an attempt to provide solutions, configuration guidelines and workarounds.	01/01/2020
End of Hardware Engineering support date	After EOHE Juniper has no commitment to perform hardware engineering level support (including hardware modifications and hardware failure analysis) for hardware defects.	01/01/2020
Second service step-down	The available J-Care services offerings for the product will be capped at Core and CorePlus support. The available JNSAC service offerings will be capped at Basic, RTF and AR-5.	01/01/2021

EOL Timetable Milestone	Definition of Action	Effective Date
	Next-day and Next Day Onsite support will be discontinued.	
End-of-service date	Last date to receive contracted service (including hardware and software bug fixes, and logistics replacement or repair services) for the product. Limited support will be offered on a per-incident, non-contracted basis only, at the discretion of Juniper Networks.	01/01/2022

For more EOL product information and announcements please go to the following URL:
https://www.juniper.net/alerts/

For more EOS information, please go to the following URL:
http://www.juniper.net/support/eol/

If you have any questions concerning this notification, please contact Juniper Networks Customer Service.
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