

**SUBJECT:** Hardware End of Life Announcement – RE-S-1300, RE-S-1800X2 and older version Power modules for MX-Series

**BULLETIN NUMBER:** TSB16556 (updated)

**BULLETIN TYPE:** Product Support Notification

**AFFECTED PRODUCTS:** PWR-MX960-AC-BB, PWR-MX960-AC-R, PWR-MX960-AC-S, PWR-MX960-DC-BB, PWR-MX960-DC-R, PWR-MX960-DC-S, PWR-MX480-1200-AC-BB, PWR-MX480-1200-AC-R, PWR-MX480-1200-AC-S, PWR-MX480-1600-DC-BB, PWR-MX480-1600-DC-R, PWR-MX480-1600-DC-S, RE-S-1300-2048-BB, RE-S-1300-2048-R, RE-S-1300-2048-S, RE-S-1300-2048-WW-S, RE-S-1800X2-16G-BB, RE-S-1800X2-16G-R, RE-S-1800X2-16G-S, RE-S-1800X2-16G-UPG-BB, RE-S-1800X2-16G-WW-S, RE-S-1800X2-8G-BB, RE-S-1800X2-8G-R, RE-S-1800X2-8G-S, RE-S-1800X2-8G-UPG-BB, RE-S-1800X2-8G-WW-S

**ISSUE DATE:** January 19, 2016

**REVISION:** 1.2.1

**OVERVIEW:**

This document announces the End of Life for the products listed in the table below. This EOL announcement is effective immediately with a Last Order Date (LOD) of October 31, 2015. On the last order date, the products are removed from the pricelist and are no longer orderable.

**Table 1. AFFECTED PRODUCTS:**

EOL Model Nos.	Description
PWR-MX960-AC-BB	MX960 AC Power Entry Module, configurable option in base bundle
PWR-MX960-AC-R	AC Power Entry Module, Redundant, (Note: AC power cords are sold separately)
PWR-MX960-AC-S	MX960 Power Entry Module AC, Spare
PWR-MX960-DC-BB	MX960 DC Power Entry Module, configurable option in base bundle
PWR-MX960-DC-R	DC Power Entry Module, Redundant
PWR-MX960-DC-S	MX960 Power Entry Module DC, Spare
PWR-MX480-1200-AC-BB	1200W AC Power Entry Module, 3 are included in MX480BASE units
PWR-MX480-1200-AC-R	1200W AC Power Entry Module, Redundant
PWR-MX480-1200-AC-S	MX480 1200W Power Entry Module AC, Spare
PWR-MX480-1600-DC-BB	1600W DC Power Entry Module, 2 are included in MX480BASE units
PWR-MX480-1600-DC-R	1600W DC Power Entry Module, Redundant
PWR-MX480-1600-DC-S	MX480 1600W Power Entry Module DC, Spare
RE-S-1300-2048-BB	Routing engine with 1300MHz processor and 2GB memory
RE-S-1300-2048-R	Routing engine with 1300MHz processor and 2GB memory, Redundant
RE-S-1300-2048-S	Routing engine with 1300MHz processor and 2GB memory, Spare
RE-S-1300-2048-WW-S	Routing engine with 1300MHz processor and 2GB memory, Spare (JUNOS WW)
RE-S-1800X2-16G-BB	Routing Engine - Dual Core 1.8GHz with 16G Memory, Base Bundle RE, for MX

RE-S-1800X2-16G-R	Routing Engine - Dual Core 1.8GHz with 16G Memory, Redundant RE, for MX
RE-S-1800X2-16G-S	Routing Engine - Dual Core 1.8GHz with 8G Memory, Spare for MX
RE-S-1800X2-16G-UPG-BB	Routing Engine - Dual Core 1.8GHz with 16G Memory, Upgrade for Base Bundle, for MX
RE-S-1800X2-16G-WW-S	Routing Engine - Dual Core 1.8GHz with 16G Memory, Worldwide Version, for MX
RE-S-1800X2-8G-BB	Routing Engine - Dual Core 1.8GHz with 8G Memory, Base Bundle RE, for MX
RE-S-1800X2-8G-R	Routing Engine - Dual Core 1.8GHz with 8G Memory, Redundant RE, for MX
RE-S-1800X2-8G-S	Routing Engine - Dual Core 1.8GHz with 8G Memory, Spare for MX
RE-S-1800X2-8G-UPG-BB	Routing Engine - Dual Core 1.8GHz with 8G Memory, Upgrade for Base Bundle, for MX
RE-S-1800X2-8G-WW-S	Routing Engine - Dual Core 1.8GHz with 8G Memory, Worldwide Version, for MX

**Table 2. LAST SOFTWARE VERSION SUPPORTED FOR SELECTED FRUS**

EOL MODEL NO.	Description	Last Software Version
RE-S-1300-2048-BB	Routing engine with 1300MHz processor and 2GB memory	14.2
RE-S-1300-2048-R	Routing engine with 1300MHz processor and 2GB memory, Redundant	14.2
RE-S-1300-2048-S	Routing engine with 1300MHz processor and 2GB memory, Spare	14.2
RE-S-1300-2048-WW-S	Routing engine with 1300MHz processor and 2GB memory, Spare (JUNOS WW)	14.2

**Table 3. REPLACEMENT PRODUCTS:**

Replacement products are suggested alternatives for new orders only. RMAs will be serviced with like for like replacements per normal Juniper service policy.

EOL Model No.	Replacement Model No.	Minimum Junos SW version	Platforms Supported
PWR-MX960-AC-BB	PWR-MX960-4100-AC-BB	10.2	MX960
PWR-MX960-AC-R	PWR-MX960-4100-AC-R	10.2	MX960
PWR-MX960-AC-S	PWR-MX960-4100-AC-S	10.2	MX960
PWR-MX960-DC-BB	PWR-MX960-4100-DC-BB	10.2	MX960
PWR-MX960-DC-R	PWR-MX960-4100-DC-R	10.2	MX960
PWR-MX960-DC-S	PWR-MX960-4100-DC-S	10.2	MX960
PWR-MX480-1200-AC-BB	PWR-MX480-2520-AC-BB	10.2	MX480
PWR-MX480-1200-AC-R	PWR-MX480-2520-AC-R	10.2	MX480
PWR-MX480-1200-AC-S	PWR-MX480-2520-AC-S	10.2	MX480
PWR-MX480-1600-DC-BB	PWR-MX480-2400-DC-BB	10.2	MX480
PWR-MX480-1600-DC-R	PWR-MX480-2400-DC-R	10.2	MX480
PWR-MX480-1600-DC-S	PWR-MX480-2400-DC-S	10.2	MX480
RE-S-1300-2048-BB	RE-S-1800X4-32G-BB	11.4R5, 12.1R3 (32bit); 10.4 (64-bit)	MX960, MX480, MX240
RE-S-1300-2048-R	RE-S-1800X4-32G-R	11.4R5, 12.1R3 (32bit); 10.4 (64-bit)	MX960, MX480, MX240

RE-S-1300-2048-S	RE-S-1800X4-32G-S	11.4R5, 12.1R3 (32bit); 10.4 (64-bit)	MX960, MX480, MX240
RE-S-1300-2048-WW-S	RE-S-1800X4-32G-WS	11.4R5, 12.1R3 (32bit); 10.4 (64-bit)	MX960, MX480, MX240
RE-S-1800X2-16G-BB	RE-S-1800X4-16G-BB	11.4R5, 12.1R3 (32bit); 10.4 (64-bit)	MX960, MX480, MX240
RE-S-1800X2-16G-R	RE-S-1800X4-16G-R	11.4R5, 12.1R3 (32bit); 10.4 (64-bit)	MX960, MX480, MX240
RE-S-1800X2-16G-S	RE-S-1800X4-16G-S	11.4R5, 12.1R3 (32bit); 10.4 (64-bit)	MX960, MX480, MX240
RE-S-1800X2-16G-UPG-BB	RE-S-1800X4-16G-UPG-BB	11.4R5, 12.1R3 (32bit); 10.4 (64-bit)	MX960, MX480, MX240
RE-S-1800X2-16G-WW-S	RE-S-1800X4-16G-WW-S	11.4R5, 12.1R3 (32bit); 10.4 (64-bit)	MX960, MX480, MX240
RE-S-1800X2-8G-BB	RE-S-1800X4-32G-BB	12.3R4, 13.2R1	MX960, MX480, MX240
RE-S-1800X2-8G-R	RE-S-1800X4-32G-R	12.3R4, 13.2R1	MX960, MX480, MX240
RE-S-1800X2-8G-S	RE-S-1800X4-32G-S	12.3R4, 13.2R1	MX960, MX480, MX240
RE-S-1800X2-8G-UPG-BB	RE-S-1800X4-32G-UB	12.3R4, 13.2R1	MX960, MX480, MX240
RE-S-1800X2-8G-WW-S	RE-S-1800X4-32G-WS	12.3R4, 13.2R1	MX960, MX480, MX240

**Table 4. END OF LIFE TIMETABLE:**

<b>EOL Timetable Milestone</b>	<b>Definition of Action</b>	<b>Effective Date</b>
End-of-sale and end-of-service announcement	Product Support Notification released that announces end of life of a product.	10/31/2014
End-of-sale	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.	10/31/2015
End-of-warranty service conversion	Last date to convert warranty coverage for products purchased prior to EOL to a support contract.	10/31/2016
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.	10/31/2017
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. Next-day and Next Day Onsite support will be discontinued.	10/31/2019
End-of-service contract renewal date	Last date to renew or extend existing support contracts. Support cannot extend beyond the end-of-support date.	10/31/2019
Last software engineering support	Last date that new software releases will support the product. After this date, new software releases may not support the product.  Maintenance releases of the major software releases issued prior to this date will support the product within the current Junos software EOL guidelines.	01/31/2020 (Except for RE-S-1300-2048 family in Table 2.)
Last hardware engineering support	Last date that hardware engineering will support the product.	10/31/2020

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.	10/31/2020
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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.

Juniper Networks Customer Service may be contacted in one of several ways:

Via Telephone:

In the U.S., Canada, and Mexico: 888-314-JTAC

All other countries dial: 408-745-2121

Via the web @ <http://www.juniper.net/support/>