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CISCO

End-of-Sale and End-of-Life Announcement for the Cisco ASR 9000 3rd Generation

Contents

Overview

Cisco announces the end-of-sale and end-of-life dates for the Cisco ASR 9000 3ʳᵈ Generation. The last day to order the affected product(s) is April 30, 2023. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) as shown in Table 1 of the EoL bulletin. Table 1 describes the end-of-life milestones, definitions, and dates for the affected product(s). Table 2 lists the product part numbers affected by this announcement. For customers with active and paid service and support contracts, support will be available under the terms and conditions of customers' service contract.

End-of-life milestones

Table 1.   End-of-life milestones and dates for the Cisco ASR 9000 3ʳᵈ Generation

Milestone	Definition	Date
End-of-Life Announcement Date	The date the document that announces the end-of-sale and end-of-life of a product is distributed to the general public.	August 1, 2022
End-of-Sale Date: HW	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	April 30, 2023
Last Ship Date: HW	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	July 29, 2023
End of SW Maintenance Releases Date: HW	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software.	November 30, 2026
End of Vulnerability/Security Support: HW	The last date that Cisco Engineering may release a planned maintenance release or scheduled software remedy for a security vulnerability issue. Customers may be required to install the last extended maintenance OS release to receive Critical security vulnerability support.	April 30, 2028
End of Routine Failure Analysis Date: HW	The last-possible date a routine failure analysis may be performed to determine the cause of hardware product failure or defect.	April 29, 2024
End of New Service Attachment Date: HW	For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract.	April 29, 2024
End of Service Contract Renewal Date: HW	The last date to extend or renew a service contract for the product.	July 26, 2027
Last Date of Support: HW	The last date to receive applicable service and support for the product as entitled by active service contracts or by warranty terms and conditions. After this date, all support services for the product are unavailable, and	April 30, 2028

Milestone	Definition	Date
	the product becomes obsolete.	

HW = Hardware   OS SW = Operating System Software   App. SW = Application Software

Note: IOS XR 7.11.2 is the last XR 64 bit release and IOS XR 6.9.2 is the last XR 32 bit release that will be supported for the HW mentioned in bulletin. For customers running on earlier IOS Software releases (32-bit or 64-bit), the End of SW Maintenance and End of Vulnerability/Security Support dates for the software release will take precedence over the corresponding dates for the HW mentioned in the bulletin.

Product part numbers

Table 2.   Product part numbers affected by this announcement

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
A99-12X100GE	ASR 9900 12-port 100GE Line Card	A9K-20HG-FLEX-SE	ASR 9000 2T Service Edge Combo Line Card - 5th Generation	-
A99-12X100GE-CM	ASR 9900 12-port 100GE Consumption Model Line Card	A9K-20HG-FLEX-TR	ASR 9000 2T Packet Transport Combo Line Card - 5th Generatio	-
A99-12X100GE-CM=	ASR 9900 12-port 100GE Consumption Model Line Card, Spare	A9K-20HG-FLEX-TR=	ASR 9000 2T Packet Transport Combo LC - 5th Gen, Spare	-
A99-12X100GE-FC	ASR 9900 12X100GE Flexible Consumption Line Card	A9K-20HG-FLEX-FC	ASR 9000 2T Flexible Consumption Combo Line Card - 5th Gen	-
A99-12X100GE-FC=	ASR 9900 12X100GE Flexible Consumption Line Card	A9K-20HG-FLEX-FC=	ASR 9000 2T Flexible Consumption Combo Line Card - 5th Gen	-
A99-12X100GE=	ASR 9900 12-port 100GE Line card	A9K-20HG-FLEX-SE=	ASR 9000 2T Service Edge Combo LC - 5th Generation, Spare	-
A99-8X100GE-CM	ASR 9900 8-port 100GE 7-fabric Consumption Model Line Card	A9K-8HG-FLEX-FC	ASR 9000 800G Flexible Consumption Combo Line Card - 5th Gen	-
A99-8X100GE-CM=	ASR 9900 8-port 100GE 7-fabric Consumption Model Line Card	A9K-8HG-FLEX-FC=	ASR 9000 800G Flexible Consumption Combo Line Card - 5th Gen	-
A99-8X100GE-FC	ASR 9900 8-port 100GE Flexible Consumption Model Line Card	A9K-8HG-FLEX-FC	ASR 9000 800G Flexible Consumption Combo Line Card - 5th Gen	-
A99-8X100GE-FC=	ASR 9000 8-port 100GE Flexible	A9K-8HG-FLEX-FC=	ASR 9000 800G Flexible Consumption	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
	Consumption Model Line Card		Combo Line Card – 5th Gen	
A99-8X100GE-SE	ASR 9900 8-port 100GE Line Card – SE OTN	A9K-8HG-FLEX-SE	ASR 9000 800G Service Edge Combo Line Card – 5th Generation	–
A99-8X100GE-SE=	ASR 9900 8-port 100GE LC -SE OTN	A9K-8HG-FLEX-SE=	ASR 9000 800G Service Edge Combo LC – 5th Generation, Spare	–
A99-8X100GE-TR	ASR 9900 8-port 100GE Line Card – TR OTN	A9K-8HG-FLEX-TR	ASR 9000 800G Packet Transport Combo Line Card – 5th Generat	–
A99-8X100GE-TR=	ASR 9900 8-port 100GE LC -TR OTN, Spare	A9K-8HG-FLEX-TR=	ASR 9000 800G Packet Transport Combo LC – 5th Gen, Spare	–
A99-RP2-SE	ASR 9900 Route Processor 2 for Service Edge	A99-RP3-SE	ASR 9900 Route Processor 3 for Service Edge	–
A99-RP2-SE=	ASR 9900 Route Processor 2 for Service Edge, Spare	A99-RP3-SE=	ASR 9900 Route Processor 3 for Service Edge, Spare	–
A99-RP2-TR	ASR 9900 Route Processor 2 for Packet Transport	A99-RP3-TR	ASR 9900 Route Processor 3 for Packet Transport	–
A99-RP2-TR=	ASR 9900 Route Processor 2 for Packet Transport, Spare	A99-RP3-TR=	ASR 9900 Route Processor 3 for Packet Transport, Spare	–
A9K-400GE-LAN-FC	ASR 9000 4x100GE QSFP28 Flexible Consumption Model LAN LC	A9K-4HG-FLEX-FC	ASR 9000 400GE Flexible Consumption Model Combo LC – 5th Gen	–
A9K-400GE-LAN-FC=	ASR 9000 4-port 100GE QSFP28 Flexible Consumption Model LC	A9K-4HG-FLEX-FC=	ASR 9000 400GE Flexible Consumption Combo LC – 5th Gen	–
A9K-4X100GE	ASR 9000 4-port 100GE LAN Line Card	A9K-4HG-FLEX-SE	ASR 9000 400GE Flexible Service Edge Line Card – 5th Gen	–
A9K-4X100GE-FC	ASR 9000 4-port 100GE Flexible Consumption Model Line Card	A9K-4HG-FLEX-FC	ASR 9000 400GE Flexible Consumption Model Combo LC – 5th Gen	–

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
A9K-4X100GE-FC=	ASR 9000 4-port 100GE Flexible Consumption Model Line Card	A9K-4HG-FLEX-FC=	ASR 9000 400GE Flexible Consumption Combo LC – 5th Gen	–
A9K-4X100GE-SE	ASR 9000 4-port 100GE LC -SE OTN	A9K-4HG-FLEX-SE	ASR 9000 400GE Flexible Service Edge Line Card – 5th Gen	–
A9K-4X100GE-SE=	ASR 9000 4-port 100GE LC -SE OTN	A9K-4HG-FLEX-SE=	ASR 9000 400GE Service Edge Combo Line Card – 5th Gen	–
A9K-4X100GE-TR	ASR 9000 4-port 100GE LC -TR OTN	A9K-4HG-FLEX-TR	ASR 9000 400GE Packet Transport Combo Line Card – 5th Gen	–
A9K-4X100GE-TR=	ASR 9000 4-port 100GE LC -TR OTN, Spare	A9K-4HG-FLEX-TR=	ASR 9000 400GE Packet Transport Combo Line Card – 5th Gen	–
A9K-4X100GE=	ASR 9000 4-port 100GE LAN Line Card, Spare	A9K-4HG-FLEX-SE=	ASR 9000 400GE Service Edge Combo Line Card – 5th Gen	–
A9K-8X100GE-CM	ASR 9000 8-port 100GE Consumption Model Line Card	A9K-8HG-FLEX-TR	ASR 9000 800G Packet Transport Combo Line Card – 5th Generat	–
A9K-8X100GE-CM=	ASR 9000 8-port 100GE Consumption Model Line Card, Spare	A9K-8HG-FLEX-TR=	ASR 9000 800G Packet Transport Combo LC – 5th Gen, Spare	–
A9K-8X100GE-FC	ASR 9000 8-port 100GE Flexible Consumption Model Line Card	A9K-8HG-FLEX-FC	ASR 9000 800G Flexible Consumption Combo Line Card – 5th Gen	–
A9K-8X100GE-FC=	ASR 9000 8-port 100GE Flexible Consumption Model Line Card	A9K-8HG-FLEX-FC=	ASR 9000 800G Flexible Consumption Combo Line Card – 5th Gen	–
A9K-8X100GE-SE	ASR 9000 8-port 100GE SE card -OTN	A9K-8HG-FLEX-SE	ASR 9000 800G Service Edge Combo Line Card – 5th Generation	–
A9K-8X100GE-SE=	ASR 9000 8-port 100GE SE card -OTN, Spare	A9K-8HG-FLEX-SE=	ASR 9000 800G Service Edge Combo LC – 5th Generation, Spare	–
A9K-8X100GE-TR	ASR 9000 8-port	A9K-8HG-FLEX-TR	ASR 9000 800G	–

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
	100GE TR card -OTN		Packet Transport Combo Line Card – 5th Generat	
A9K-8X100GE-TR=	ASR 9000 8-port 100GE TR card -OTN, Spare	A9K-8HG-FLEX-TR=	ASR 9000 800G Packet Transport Combo LC – 5th Gen, Spare	–
A9K-MOD200-FC	ASR 9000 Modular 200G Flexible Consumption Model Line Card	A9K-4HG-FLEX-FC	ASR 9000 400GE Flexible Consumption Model Combo LC – 5th Gen	–
A9K-MOD200-FC=	ASR 9000 Modular 200G Flexible Consumption Model Line Card	A9K-4HG-FLEX-FC=	ASR 9000 400GE Flexible Consumption Combo LC – 5th Gen	–
A9K-MOD200-SE	200G Modular Linecard, Service Edge Optimized	A9K-4HG-FLEX-SE	ASR 9000 400GE Flexible Service Edge Line Card – 5th Gen	–
A9K-MOD200-SE=	200G Modular Linecard, Service Edge Optimized, Spare	A9K-4HG-FLEX-SE=	ASR 9000 400GE Service Edge Combo Line Card – 5th Gen	–
A9K-MOD200-TR	200G Modular Linecard, Packet Transport Optimized	A9K-4HG-FLEX-TR	ASR 9000 400GE Packet Transport Combo Line Card – 5th Gen	–
A9K-MOD200-TR=	200G Modular Linecard, Packet Transport Optimized, Spare	A9K-4HG-FLEX-TR=	ASR 9000 400GE Packet Transport Combo Line Card – 5th Gen	–
A9K-RSP880-LT-SE	ASR 9000 Route Switch Processor 880-LT for Service Edge	A9K-RSP5-SE	ASR 9000 Route Switch Processor 5 for Service Edge	–
A9K-RSP880-LT-SE=	ASR 9000 Route Switch Processor 880-Lite for Service Edge	A9K-RSP5-SE=	ASR 9000 Route Switch Processor 5 for Service Edge Spare	–
A9K-RSP880-LT-TR	ASR 9000 Route Switch Processor 880-LT for Packet Trans	A9K-RSP5-TR	ASR 9000 Route Switch Processor 5 for Packet Transport	–
A9K-RSP880-LT-TR=	ASR 9000 Route Switch Processor 880-LT for Packet Trans	A9K-RSP5-TR=	ASR 9000 Route Switch Processor 5 for Packet Transport Spare	–
A99-SFC2	ASR 9900 Series Switch Fabric Card 2	A99-SFC3	ASR 9900 Series Switch Fabric Card 3	–
A99-SFC2=	ASR 9900 Series Switch Fabric Card 2	A99-SFC3=	ASR 9900 Series Switch Fabric Card 3,	–

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
	Spare		Spare	
A99-SFC-T	ASR 9906 Switch Fabric Card	A99-SFC3-T	ASR 9906 Switch Fabric Card 3	-
A99-SFC-T=	ASR 9906 Switch Fabric Card	A99-SFC3-T=	ASR 9906 Switch Fabric Card 3, Spare	-
A99-SFC-S	ASR 9910 Switch Fabric Card	A99-SFC3-S	ASR 9910 Switch Fabric Card 3	-
A99-SFC-S=	ASR 9910 Switch Fabric Card	A99-SFC3-S=	ASR 9910 Switch Fabric Card 3, Spare	-

Product migration options

Customers may be able to use the Cisco Technology Migration Program (TMP) where applicable to trade-in eligible products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, customers should work with their Cisco Partner or Cisco account team. Cisco Partners can find additional TMP information on Partner Central at: https://www.cisco.com/web/partners/incentives_and_promotions/tmp.html.

Customers may be able to continue to purchase the Cisco ASR 9000 3rd Generation through the Cisco Certified Refurbished Equipment program. Refurbished units may be available in limited supply for sale in certain countries on a first-come, first-served basis until the Last Date of Support has been reached. For information about the Cisco Certified Refurbished Equipment program, go to: https://www.cisco.com/go/eos.

Service prices for Cisco products are subject to change after the product End-of-Sale date.

The Cisco Takeback and Recycle program helps businesses properly dispose of surplus products that have reached their end of useful life. The program is open to all business users of Cisco equipment and its associated brands and subsidiaries. For more information, go to: https://www.cisco.com/web/about/ac227/ac228/ac231/about_cisco_takeback_recycling.html.

For more information

For more information about the Cisco End-of-Life Policy, go to: https://www.cisco.com/c/en/us/products/eos-eol-policy.html.

For more information about the Cisco Product Warranties, go to: https://www.cisco.com/c/en/us/products/warranty-listing.html.

To subscribe to receive end-of-life/end-of-sale information, go to: https://cway.cisco.com/mynotifications.

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