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**CISCO**

# End-of-Sale and End-of-Life Announcement for the Cisco Nexus 2248TP GE, Cisco Nexus 2348UPQ 10GE and Cisco Nexus 2348TQ 10GE Fabric Extenders

# Contents

## Overview

Cisco announces the end-of-sale and end-of-life dates for the Cisco Nexus 2248TP GE, Cisco Nexus 2348UPQ 10GE and Cisco Nexus 2348TQ 10GE Fabric Extenders. The last day to order the affected product(s) is August 24, 2022. 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 Nexus 2248TP GE, Cisco Nexus 2348UPQ 10GE and Cisco Nexus 2348TQ 10GE Fabric Extenders

| 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 24, 2021 |
| 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. | August 24, 2022 |
| 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. | November 23, 2022 |
| 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. | August 24, 2023 |
| 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. | August 23, 2025 |
| 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. | August 24, 2023 |
| 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. | August 24, 2023 |

| Milestone | Definition | Date |
|---|---|---|
| End of Service Contract Renewal Date: HW | The last date to extend or renew a service contract for the product. | November 22, 2026 |
| 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 the product becomes obsolete. | August 31, 2027 |

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

## 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 |
|---|---|---|---|---|
| CN3248-FAN | Inspur CN3248TP GE FEX Fan, Std airflow (Port side exhaust) | There is currently no replacement product available for this product. | – | – |
| CN3248-FAN-B | Inspur CN3248TP GE FEX Fan Module, Back-to-front airflow | There is currently no replacement product available for this product. | – | – |
| CN3248-FAN-B= | Inspur CN3248TP GE FEX Fan Module, Back-to-front airflow | There is currently no replacement product available for this product. | – | – |
| CN3248-FAN= | Inspur CN3248TP GE FEX Fan, Std airflow (Port side exhaust) | There is currently no replacement product available for this product. | – | – |
| N2200-ACC-KIT= | N2K-C2200 Series FEX Accessory Kit, Spare | There is currently no replacement product available for this product. | – | – |
| N2200-PAC-400W-SN | N2200-PAC-400W Power Supply – Service Specific | There is currently no replacement product available for this product. | – | – |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---|---|---|---|---|
| N2200-PAC-400WB-SN | N2200-PAC-400W-B for Service purposes | There is currently no replacement product available for this product. | – | – |
| N2200-PDC-350WB-SN | N2200-PDC-350WB-SN - Service Specific | There is currently no replacement product available for this product. | – | – |
| N2200-PDC-400W-SN | N2200-PDC-400W Power Supply - Service Specific | There is currently no replacement product available for this product. | – | – |
| N2248TP-E-BA-BUN | Reversed Airflow pack:N2K-C2248TP-E-1GE,2 AC PS,1Fan | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2248TP-E-BA-BUN++ | Reversed Airflow pack:N2K-C2248TP-E-1GE,2 AC PS,1Fan | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2248TP-E-BD-BUN | Reversed Airflow pack:N2K-C2248TP-E-1GE, 2 DC PS, 1Fan | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2248TP-E-BD-BUN++ | Reversed Airflow pack:N2K-C2248TP-E-1GE, 2 DC PS, 1Fan | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2248TP-E-FA-BUN | Standard Airflow pack:N2K-C2248TP-E-1GE, 2 AC PS, 1Fan | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2248TP-E-FA-BUN++ | Standard Airflow pack:N2K-C2248TP-E-1GE, 2 AC PS, 1Fan, TAA | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2248TP-E-FD-BUN | Standard Airflow pack:N2K-C2248TP-E-1GE, 2 DC PS, 1Fan | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2248TP-E-FD-BUN++ | Standard Airflow pack:N2K-C2248TP-E-1GE, 2 DC PS, 1Fan | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2300-ACC-KIT= | N2K-C2300 Series FEX Accessory Kit, Spare | There is currently no replacement product available for this product. | – | – |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---|---|---|---|---|
| N2348TQ-E-BA-BUN | Reverse airflow pack: N2K-C2348TQ-E, 2AC PS, 3 Fan | N9K-C93108TC-FX3P | Nexus 9300 48x 100M/1/2.5/5/10GT, 6x 100G Switch | – |
| N2348TQ-E-BA-BUN++ | Reverse airflow pack: N2K-C2348TQ-E, 2AC PS, 3 Fan | N9K-C93108TC-FX3P | Nexus 9300 48x 100M/1/2.5/5/10GT, 6x 100G Switch | – |
| N2348TQ-E-BD-BUN | Reverse airflow pack: N2K-C2348TQ-E, 2DC PS, 3 Fan | N9K-C93108TC-FX3P | Nexus 9300 48x 100M/1/2.5/5/10GT, 6x 100G Switch | – |
| N2348TQ-E-BD-BUN++ | Reverse airflow pack: N2K-C2348TQ-E, 2DC PS, 3 Fan | N9K-C93108TC-FX3P | Nexus 9300 48x 100M/1/2.5/5/10GT, 6x 100G Switch | – |
| N2348TQ-E-FA-BUN | Standard airflow pack: N2K-C2348TQ-E, 2AC PS, 3 Fan | N9K-C93108TC-FX3P | Nexus 9300 48x 100M/1/2.5/5/10GT, 6x 100G Switch | – |
| N2348TQ-E-FA-BUN++ | Standard airflow pack: N2K-C2348TQ-E, 2AC PS, 3 Fan | N9K-C93108TC-FX3P | Nexus 9300 48x 100M/1/2.5/5/10GT, 6x 100G Switch | – |
| N2348TQ-E-FD-BUN | Standard airflow pack: N2K-C2348TQ-E, 2DC PS, 3 Fan | N9K-C93108TC-FX3P | Nexus 9300 48x 100M/1/2.5/5/10GT, 6x 100G Switch | – |
| N2348TQ-E-FD-BUN++ | Standard airflow pack: N2K-C2348TQ-E, 2DC PS, 3 Fan | N9K-C93108TC-FX3P | Nexus 9300 48x 100M/1/2.5/5/10GT, 6x 100G Switch | – |
| N2348UPQ-BA-BUN | Port Side Intake, airflow pack: N2K-C2348UPQ, 2AC PS, 3Fan | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2348UPQ-BA-BUN++ | Port Side Intake, airflow pack: N2K-C2348UPQ, 2AC PS, 3Fan | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2348UPQ-BD-BUN | Port Side Intake, airflow pack: N2K-C2348UPQ, 2DC PS, 3Fan | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2348UPQ-BD-BUN++ | Port Side Intake, airflow pack: N2K-C2348UPQ, 2DC PS, 3Fan | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---|---|---|---|---|
| N2348UPQ-FA-BUN | Port Side Exhaust, airflow pack: N2K-C2348UPQ, 2AC PS, 3Fan | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2348UPQ-FA-BUN++ | Port Side Exhaust, airflow pack: N2K-C2348UPQ, 2AC PS, 3Fan | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2348UPQ-FD-BUN | Port Side Exhaust airflow pack,: N2K-C2348UPQ, 2DC PS, 3Fan | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2348UPQ-FD-BUN++ | Port Side Exhaust airflow pack,: N2K-C2348UPQ, 2DC PS, 3Fan | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2K-C2248-FAN | N2K-C2248 Series FEX Fan Module | There is currently no replacement product available for this product. | – | – |
| N2K-C2248-FAN-B | Nexus 2248TP/2224TP FEX FAN, Back to Front Airflow, Spare | There is currently no replacement product available for this product. | – | – |
| N2K-C2248-FAN-B= | Nexus 2200 GE FEX FAN, Reversed Airflow (Port side intake) | There is currently no replacement product available for this product. | – | – |
| N2K-C2248-FAN-SN | N2K-C2248-FAN- Service Specific | There is currently no replacement product available for this product. | – | – |
| N2K-C2248-FAN= | N2200 GE FEX Fan Module, Std airflow (Port side exhaust) | There is currently no replacement product available for this product. | – | – |
| N2K-C2248TF-E | Nexus 2248TP-E with 8 FET, choice of airflow/power | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2K-C2248TF-E++ | N2K-C2248TF-E++ TAA PID | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---|---|---|---|---|
| N2K-C2248TP-E | N2K-C2248TP-E-1GE (48x100/1000-T+4x10GE), airflow/PS option | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2K-C2248TP-E++ | N2K-C2248TP-E ++TAA PID | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2K-C2248TP-E-1GE | N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE (req SFP+) | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2K-C2248TP-E-1GE= | N2K GE, 48x100/1000-T+4x10GE (req SFP+) (Spare. No Fans/PS) | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2K-C2248TPE-BA-B | Reversed Airflow pack:N2K-C2248TP-E-1GE, 2 AC PS, 1Fan | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2K-C2248TPE-BD-B | Reversed Airflow pack:N2K-C2248TP-E-1GE, 2 DC PS, 1Fan | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2K-C2248TPE-FA-B | Standard Airflow pack:N2K-C2248TP-E-1GE, 2 AC PS, 1Fan | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2K-C2248TPE-FD-B | Standard Airflow pack:N2K-C2248TP-E-1GE, 2 DC PS, 1Fan | N9K-C9348GC-FXP | Nexus 9300 with 48p 100M/1GT, 4p 10/25G & 2p 40/100G QSFP28 | – |
| N2K-C2348TQ-10G-E | Nexus 2300 Series 10GT FEX; 48x100M/1/10GT; 6x40G QSFP | N9K-C93108TC-FX3P | Nexus 9300 48x 100M/1/2.5/5/10GT, 6x 100G Switch | – |
| N2K-C2348TQ-10G-E= | Nexus 2348TQ-E spare; 48x1/10T; 6x40G QSFP (no PS/fan) | N9K-C93108TC-FX3P | Nexus 9300 48x 100M/1/2.5/5/10GT, 6x 100G Switch | – |
| N2K-C2348TQ-E | Nexus 2000, 10GT FEX; 48x1/10T; 6x40G QSFP | N9K-C93108TC-FX3P | Nexus 9300 48x 100M/1/2.5/5/10GT, 6x 100G Switch | – |
| N2K-C2348TQ-E++ | Nexus 2348TQ-E TAA PID | N9K-C93108TC-FX3P | Nexus 9300 48x 100M/1/2.5/5/10GT, 6x 100G Switch | – |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---|---|---|---|---|
| N2K-C2348UPQ | Nexus 2000, 10GE UP FEX; 48x1/10GE SFP+; 6x40G QSFP | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2K-C2348UPQ++ | N2K-C2348UPQ++ TAA PID | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2K-C2348UPQ-10GE | Nexus 2300 Series 10GE FEX; 48x1/10GE SFP+; 6x40G QSFP | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2K-C2348UPQ-10GE= | Nexus 2348UPQ spare; 48x1/10GE SFP+; 6x40G QSFP(no PS/fan) | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2K-C2348UPQ4F | Nexus 2348UPQ with 2FET-40G and 8FET-10G | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2K-C2348UPQ8F | Nexus 2348UPQ with (4 FET-40G & 16 FET-10G) | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2K-C2348UPQF-QSA | Nexus 2348UPQ with 12 FET-10G and 6 QSA | N9K-C93180YC-FX3 | Nexus 9300 48p 1/10/25G, 6p 40/100G, MACsec UP. SyncE | – |
| N2K-F10G-F10G | N2K Uplink option FET-10G to FET-10G | There is currently no replacement product available for this product. | – | – |
| N2K-F40G-F10G | N2K Uplink option FET-40G to FET-10G | There is currently no replacement product available for this product. | – | – |
| N2K-QSFPBD-QSFPBD | N2K Uplink option QSFP-Bidi with QSFP Bidi | There is currently no replacement product available for this product. | – | – |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---|---|---|---|---|
| NXA-ACC-KIT-BAV | Nexus Airflow Vent | There is currently no replacement product available for this product. | – | – |
| NXA-ACC-KIT-BAV= | Nexus Airflow Vent | There is currently no replacement product available for this product. | – | – |
| NXA-AIRFLOW-SLV | Nexus Airflow Extension Sleeve | There is currently no replacement product available for this product. | – | – |
| NXA-AIRFLOW-SLV-E | Nexus Airflow Extension Sleeve for 23xx FEX | There is currently no replacement product available for this product. | – | – |
| NXA-AIRFLOW-SLV-E= | Nexus Airflow Extension Sleeve for 23xx FEX | There is currently no replacement product available for this product. | – | – |
| NXA-AIRFLOW-SLV= | Nexus Airflow Extension Sleeve | There is currently no replacement product available for this product. | – | – |
| NXA-FAN-30CFM-B-SN | Service Specific – Fan | There is currently no replacement product available for this product. | – | – |
| N2K-C2348TQ-E= | ^Nexus 2348TQ spare; 48x1/10T; 6x40G QSFP (no PS/fan) | There is currently no replacement product available for this product. | – | – |

## 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 Nexus 2248TP GE, Cisco Nexus 2348UPQ 10GE and Cisco Nexus 2348TQ 10GE Fabric Extenders 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/en/US/products/products_end-of-life_policy.html.

For more information about the Cisco Product Warranties, go to:
https://www.cisco.com/en/US/products/prod_warranties_listing.html.

To subscribe to receive end-of-life/end-of-sale information, go to:
https://www.cisco.com/cisco/support/notifications.html.

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