

# HPE Aruba Networking CX 4100i Switch Series



## What's new

- Ruggedized Layer 2 switch series provides high performance, fully manageable, and reliable, Ethernet connectivity to IoT, access points, and user devices in harsh environments.
- Versatile form factors with fast 1/10 GbE uplinks deliver both 30W and 60W PoE to improve IoT power.
- Layer 2 feature set with static routing and no switch software licensing required.
- HPE Aruba Networking Dynamic Segmentation enables enhanced security and simplified access for users and IoT.
- Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software.
- HPE Aruba Networking Virtual Switching Framework (VSF) now available to scale up local network

## Overview

The HPE Aruba Networking CX 4100i Switch Series is a modern family of ruggedized Ethernet switches ideal for connecting IoT, access points, and user devices in harsh environments. Created for high performance, reliable, and secure access with enhanced security, the CX 4100i switches provide versatile deployment options for enterprise networks extending beyond carpeted areas to challenging outdoor and industrial spaces.

Based on the programmable HPE Aruba Networking CX Switch Operating System (AOS-CX) used across the CX portfolio, this IP30 ruggedized series helps deliver a more consistent and efficient operator experience. This Layer 2 series has convenient built-in high speed uplinks, supports both 30W and 60W PoE, and is ready for deployment with fan less 12 port DIN mount and 24 port 1U rack mount models. With robust QoS, support for static routing, and IPv6, the CX 4100i series also simplifies ownership with no switch software licensing requirements.

resources and resiliency requirements.

## Features

### Ruggedized Access Switch Series

The HPE Aruba Networking CX 4100i Switch Series provides IP30 Ethernet connectivity with high speed uplinks, 30W and 60W PoE, to securely extend the enterprise network and support IoT in harsh environments.

Uses the HPE Aruba Networking CX Switch Operating System (AOS-CX) for a simpler, more consistent operator experience with capabilities fit for ruggedized access.

Achieve versatile deployment with fanless 12 port DIN rail mount and 24 port 1U rack mount models with built-in 1/10 GbE uplinks and up to 360W Class 4 and Class 6 PoE.

Fully-managed enterprise class switches deliver Layer 2 capabilities with support for static routing, ACLs, robust QoS, traffic prioritization, and IPv6 support.

Simplifies ownership with no switch software licensing or subscriptions required.

### AI-ready performance and power

The HPE Aruba Networking CX 4100i Switch Series is designed with ASICs that deliver very low latency, increased packet buffering, and adaptive power consumption needed to support AI, Wi-Fi 7, and IoT requirements.

Deploy IoT devices and wireless access points in harsh environments with models that support up to 360W IEEE 802.3at Class 4 and IEEE 802.3bt Class 6 Power over Ethernet.

Built-in wire speed 1/10 GbE uplinks remove bottlenecks at the access layer where devices connect.

Operational in extended temperatures from -40°C to 70°C using HPE Aruba Networking's industrial transceivers.

### Simplified Configuration and Management

The CX 4100i series provides flexibility to manage and simplify configurations with HPE Aruba Networking Switch Multi-Edit Software, easy to use built-in web GUI, or industry standard CLI.

HPE Aruba Networking Switch Multi-Edit Software introduces automation that allows for rapid network-wide changes and verifies policy conformance post network updates.

Ready for software-defined networking with REST APIs for fine-grained programmability of network tasks.

Virtual Switching Framework (VSF) allows you to quickly grow your network using high performance stacking.

### Smarter Segmentation

The CX 4100i series supports dynamic segmentation that automatically applies and enforces user, device, and application-aware policies on wired and wireless infrastructures.

Automated device profiling, role-based access control, and Layer 7 firewall features deliver enhanced visibility and performance for a better overall experience for both IT and end-users alike.

It reduces time-consuming and error-prone task of adds, moves and changes.

| Technical specifications     | HPE Aruba Networking CX 4100i Switch Series                                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ports</b>                 | 12 port DIN rail mount or 24 port 1U rack mount models                                                                                               |
| <b>Switching capacity</b>    | Up to 128 Gbps depending on the model                                                                                                                |
| <b>Stacking capabilities</b> | No stacking capability                                                                                                                               |
| <b>Throughput</b>            | Up to 95 Mpps depending on the model                                                                                                                 |
| <b>Memory and processor</b>  | CPU: Dual Core Arm® Cortex-A9 @ 1016 MHz<br>Memory and flash: 4 GB DDR3 32 GB eMMC                                                                   |
| <b>Management features</b>   | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software. |
| <b>Operating temperature</b> | -40°C to 60°C, 0m/s (-40°F to 140°F, 0 LFM)<br>-40°C to 70°C, 0.2m/s (-40°F to 158°F, 40 LFM)<br>-34°C to 75°C, 1m/s (-29.2°F to 167°F, 200 LFM)     |
| <b>Warranty</b>              | 5-year warranty<br>See the <a href="#">warranty duration</a> .                                                                                       |

## SKU comparison

|                              | HPE Aruba Networking CX 4100i 12p 1GbE 8p Class4 PoE and 4p Class6 PoE 2p SFP+ DIN Mount Switch (JL817A)                                                                                                                                                                                                                                                                                            | HPE Aruba Networking CX 4100i 24p 1GbE 20p Class4 POE and 4p Class6 PoE 4p SFP+ Switch (JL818A)                                                                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Differentiator</b>        | 8 x 100M/1G Base-T Class 4 PoE ports, supporting up to 30W per port<br>2 x 1/10G SFP ports<br>2 x DC power socket                                                                                                                                                                                                                                                                                   | 20 x 100M/1G Base-T Class 4 PoE ports, supporting up to 30W per port<br>4 x 1/10G SFP ports                                                                                                                                                                                       |
| <b>Power consumption</b>     | <p>With JL819A PSU:<br/>Idle: 22W<br/>100% Traffic Rate: 26W<br/>100% Traffic Rate (w/ heater): 55W</p> <p>With JL820A PSU:<br/>Idle: 24W<br/>100% Traffic Rate: 28W<br/>100% Traffic Rate (w/ heater): 57W</p> <p>With JL821A PSU:<br/>Idle: 22W<br/>100% Traffic Rate: 27W<br/>100% Traffic Rate (w/ heater): 56W</p> <p>Note: Heater will only turn on at extreme low temperature condition.</p> | <p>Idle: 23W<br/>100% Traffic Rate: 34W<br/>100% Traffic Rate (w/ heater): 62W</p> <p>Note: Heater will only turn on at extreme low temperature condition.</p>                                                                                                                    |
| <b>Heat dissipation</b>      | <p>With JL819A PSU:<br/>89 BTU/hr at 230V - Room temperature (25°C)</p> <p>With JL820A PSU:<br/>95 BTU/hr at 230V - Room temperature (25°C)</p> <p>With JL821A PSU:<br/>94 BTU/hr at 48V - Room temperature (25°C)</p>                                                                                                                                                                              | 117 BTU/hr at 230V - Room temperature (25°C)                                                                                                                                                                                                                                      |
| <b>Input voltage</b>         | AC voltage: 100V-240V (JL819A and JL820A)<br>DC voltage: 12V-48V nominal, UL Certified to: 11V-55V (JL821A)                                                                                                                                                                                                                                                                                         | 100V-240V                                                                                                                                                                                                                                                                         |
| <b>Ports</b>                 | <p>4 x 100M/1G Base-T Class 6 PoE ports, supporting up to 60W per port<br/>8 x 100M/1G Base-T Class 4 PoE ports, supporting up to 30W per port<br/>2 x 1G/10G SFP ports</p> <p>1 x USB-C console port<br/>1 x RJ45 console<br/>1 x USB Type-A host port<br/>1 x Alarm socket</p>                                                                                                                    | <p>4 x 100M/1G Base-T Class 6 PoE ports, supporting up to 60W per port<br/>20 x 100M/1G Base-T Class 4 PoE ports, supporting up to 30W per port<br/>4 x 1G/10G SFP ports</p> <p>1 x USB-C console port<br/>1 x RJ45 console<br/>1 x USB Type-A host port<br/>1 x Alarm socket</p> |
| <b>Latency</b>               | 1 Gbps: 2.390 Sec , 10 Gbps: 2.038 Sec<br>Average Latency (LIFO-64-bytes packets)                                                                                                                                                                                                                                                                                                                   | 1 Gbps: 1.585 Sec , 10 Gbps: 1.243 Sec<br>Average Latency (LIFO-64-bytes packets)                                                                                                                                                                                                 |
| <b>Switching capacity</b>    | Up to 128 Gbps depending on the model                                                                                                                                                                                                                                                                                                                                                               | Up to 128 Gbps depending on the model                                                                                                                                                                                                                                             |
| <b>Stacking capabilities</b> | No stacking capability                                                                                                                                                                                                                                                                                                                                                                              | No stacking capability                                                                                                                                                                                                                                                            |
| <b>Throughput</b>            | Up to 95 Mpps depending on the model                                                                                                                                                                                                                                                                                                                                                                | Up to 95 Mpps depending on the model                                                                                                                                                                                                                                              |

|                              | HPE Aruba Networking CX 4100i 12p 1GbE 8p Class4 PoE and 4p Class6 PoE 2p SFP+ DIN Mount Switch (JL817A)                                                                                                 | HPE Aruba Networking CX 4100i 24p 1GbE 20p Class4 POE and 4p Class6 PoE 4p SFP+ Switch (JL818A)                                                      |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Memory and processor</b>  | 4 GB DDR3<br>32 GB eMMC<br><br>Dual Core ARM Cortex A9 @ 1016 Mhz                                                                                                                                        | 4 GB DDR3<br>32 GB eMMC<br><br>Dual Core ARM Cortex A9 @ 1016 Mhz                                                                                    |
| <b>Power supply</b>          | Field replaceable Industrial DIN Rail Power Supplies Supported PSUs: JL819A, JL820A and JL821A Supported 2 PSU with redundancy, non-sharing See external PSU specification table for available PoE power | Fixed internal power supply (300W) 240W of PoE Power (no de-rating)                                                                                  |
| <b>PoE capability</b>        | Refer to Installation and Getting Started Guide for the PoE budget setup.                                                                                                                                | 240W no derating                                                                                                                                     |
| <b>Management features</b>   | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software.                                                     | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software. |
| <b>Operating temperature</b> | -40°C to 60°C, 0m/s (-40°F to 140°F, 0 LFM)<br>-40°C to 70°C, 0.2m/s (-40°F to 158°F, 40 LFM)<br>-34°C to 75°C, 1m/s (-29.2°F to 167°F, 200 LFM)                                                         | -40°C to 60°C, 0m/s (-40°F to 140°F, 0 LFM)<br>-40°C to 70°C, 0.2m/s (-40°F to 158°F, 40 LFM)<br>-34°C to 75°C, 1m/s (-29.2°F to 167°F, 200 LFM)     |
| <b>Warranty</b>              | 5-year warranty<br>See the warranty duration.                                                                                                                                                            | 5-year warranty<br>See the warranty duration.                                                                                                        |

## Related Options

The following options are available for these series:

| SKU | Description |
|-----|-------------|
|-----|-------------|

### Cables/Cable Kits

|        |                                                                      |
|--------|----------------------------------------------------------------------|
| R9J32A | HPE Aruba Networking USB-A reversible to USB-C PC-to-Switch 3m Cable |
| R9J33A | HPE Aruba Networking USB-C to USB-C PC-to-Switch 3m Cable            |
| R9G48B | HPE Aruba Networking USBA-RJ45 PC-to-Switch PIN6TX-3RX 2.5m Cable    |
| R8Z87A | HPE Aruba Networking USBA-RJ45 PIN3TX-6RX 2.5m Cable                 |

### HPE Aruba Networking Software

|          |                                                                 |
|----------|-----------------------------------------------------------------|
| JL639AAE | HPE Aruba Networking NetEdit Single Node 1yr Subscription E-STU |
| JL640AAE | HPE Aruba Networking NetEdit Single Node 3yr Subscription E-STU |

### Mounting Rack/Rail Options

|        |                                                        |
|--------|--------------------------------------------------------|
| JL822A | HPE Aruba Networking DIN Rail 3RU 19 in Rack Mount Kit |
|--------|--------------------------------------------------------|

### Power Management Options

|        |                                                                       |
|--------|-----------------------------------------------------------------------|
| JL821A | HPE Aruba Networking 4000i POE 54VDC 240W 12-48VDC DIN Power Supply   |
| JL819A | HPE Aruba Networking 4000i POE 54VDC 240W 100-240VAC DIN Power Supply |
| JL820A | HPE Aruba Networking 4000i POE 54VDC 480W 100-240VAC DIN Power Supply |

### Switches

|        |                                                     |
|--------|-----------------------------------------------------|
| JL258A | HPE Aruba Networking 2930F 8G PoE+ 2SFP+ Switch     |
| JL693A | HPE Aruba Networking 2930F 12G PoE+ 2G/2SFP+ Switch |

### Transceiver Options

|        |                                                                     |
|--------|---------------------------------------------------------------------|
| JL781A | HPE Aruba Networking 1G Ind-Temp SFP LC LX 10km SMF Transceiver     |
| JL780A | HPE Aruba Networking 1G Ind-Temp SFP LC SX 500m MMF Transceiver     |
| J4859D | HPE Aruba Networking 1G SFP LC LX 10km SMF Transceiver              |
| J4858D | HPE Aruba Networking 1G SFP LC SX 500m OM2 MMF Transceiver          |
| JL783A | HPE Aruba Networking 10G Ind-Temp SFP+ LC LR 10km SMF Transceiver   |
| JL782A | HPE Aruba Networking 10G Ind-Temp SFP+ LC SR 300m MMF Transceiver   |
| J9151E | HPE Aruba Networking 10G SFP+ LC LR 10km SMF Transceiver            |
| J9150D | HPE Aruba Networking 10G SFP+ LC SR 300m OM3 MMF Transceiver        |
| J9281D | HPE Aruba Networking 10G SFP+ to SFP+ 1m Direct Attach Copper Cable |
| J9283D | HPE Aruba Networking 10G SFP+ to SFP+ 3m Direct Attach Copper Cable |
| J9054D | HPE Aruba Networking 100M SFP LC FX 2km MMF Transceiver             |

## Related Services

The following services are available for these series:

| SKU                        | Description                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Technology Services</b> |                                                                                                     |
| H49X7E                     | HPE Aruba Networking 1Y Software+Technical Support 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC             |
| H50K5E                     | HPE Aruba Networking 1Y Software+Technical Support 4100i 24G CL4/6 POE 4SFP+ Sw SVC                 |
| H50C9E                     | HPE Aruba Networking 1Y Software+Technical Support Vol T2 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50Q7E                     | HPE Aruba Networking 1Y Software+Technical Support Vol T2 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H49Y7E                     | HPE Aruba Networking 3Y Software+Technical Support 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC             |
| H50L5E                     | HPE Aruba Networking 3Y Software+Technical Support 4100i 24G CL4/6 POE 4SFP+ Sw SVC                 |
| H50E4E                     | HPE Aruba Networking 3Y Software+Technical Support Vol T2 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50S2E                     | HPE Aruba Networking 3Y Software+Technical Support Vol T2 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H50A7E                     | HPE Aruba Networking 5Y Software+Technical Support 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC             |
| H50N5E                     | HPE Aruba Networking 5Y Software+Technical Support 4100i 24G CL4/6 POE 4SFP+ Sw SVC                 |
| H50H4E                     | HPE Aruba Networking 5Y Software+Technical Support Vol T2 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50V2E                     | HPE Aruba Networking 5Y Software+Technical Support Vol T2 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H49X2E                     | HPE Aruba Networking Foundational Care 1Y 4HR Exch 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC             |
| H50K0E                     | HPE Aruba Networking Foundational Care 1Y 4HR Exch 4100i 24G CL4/6 POE 4SFP+ Sw SVC                 |
| H50C4E                     | HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50Q2E                     | HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H50C5E                     | HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50Q3E                     | HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H49X5E                     | HPE Aruba Networking Foundational Care 1Y 4HR Onsite 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC           |
| H50K3E                     | HPE Aruba Networking Foundational Care 1Y 4HR Onsite 4100i 24G CL4/6 POE 4SFP+ Sw SVC               |
| H49X6E                     | HPE Aruba Networking Foundational Care 1Y 4HR Onsite CDMR 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50K4E                     | HPE Aruba Networking Foundational Care 1Y 4HR Onsite CDMR 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H30VSE                     | HPE Aruba Networking Foundational Care 1Y 4HR Onsite HW Only 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC   |
| H30WJE                     | HPE Aruba Networking Foundational Care 1Y 4HR Onsite Hardware Only 4100i 24G CL4/6 POE 4SFP+ Sw SVC |
| H49X8E                     | HPE Aruba Networking Foundational Care 1Y CTR 6-Hour 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC           |
| H50K6E                     | HPE Aruba Networking Foundational Care 1Y CTR 6-Hour 4100i 24G CL4/6 POE 4SFP+ Sw SVC               |

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|--------|-----------------------------------------------------------------------------------------------------|
| H49X9E | HPE Aruba Networking Foundational Care 1Y CTR 6-Hour CDMR 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50K7E | HPE Aruba Networking Foundational Care 1Y CTR 6-Hour CDMR 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H49X1E | HPE Aruba Networking Foundational Care 1Y NBD Exch 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC             |
| H50J9E | HPE Aruba Networking Foundational Care 1Y NBD Exch 4100i 24G CL4/6 POE 4SFP+ Sw SVC                 |
| H30VRE | HPE Aruba Networking Foundational Care 1Y NBD Exch Hardware Only 4100i 12GCL4/6POE2SFP+DINSwSVC     |
| H30WHE | HPE Aruba Networking Foundational Care 1Y NBD Exch Hardware Only 4100i 24G CL4/6 POE4SFP+ SwSVC     |
| H50P8E | HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T1 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H50P9E | HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T2 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H50C0E | HPE Aruba Networking Foundational Care 1Y NBD Exch VolumeT1 4100i 12G CL4/6 POE 2SFP+DIN Sw SVC     |
| H50C1E | HPE Aruba Networking Foundational Care 1Y NBD Exch VolumeT2 4100i 12G CL4/6 POE 2SFP+DIN Sw SVC     |
| H49X3E | HPE Aruba Networking Foundational Care 1Y NBD Onsite 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC           |
| H50K1E | HPE Aruba Networking Foundational Care 1Y NBD Onsite 4100i 24G CL4/6 POE 4SFP+ Sw SVC               |
| H49X4E | HPE Aruba Networking Foundational Care 1Y NBD Onsite CDMR 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50K2E | HPE Aruba Networking Foundational Care 1Y NBD Onsite CDMR 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H49Y1E | HPE Aruba Networking Foundational Care 3Y 4HR Exch 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC             |
| H50K9E | HPE Aruba Networking Foundational Care 3Y 4HR Exch 4100i 24G CL4/6 POE 4SFP+ Sw SVC                 |
| H50D8E | HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T1 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50R6E | HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T1 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H50D9E | HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T2 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50R7E | HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T2 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H49Y5E | HPE Aruba Networking Foundational Care 3Y 4HR Onsite 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC           |
| H50L3E | HPE Aruba Networking Foundational Care 3Y 4HR Onsite 4100i 24G CL4/6 POE 4SFP+ Sw SVC               |
| H49Y6E | HPE Aruba Networking Foundational Care 3Y 4HR Onsite CDMR 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50L4E | HPE Aruba Networking Foundational Care 3Y 4HR Onsite CDMR 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H30VWE | HPE Aruba Networking Foundational Care 3Y 4HR Onsite HW Only 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC   |
| H30WME | HPE Aruba Networking Foundational Care 3Y 4HR Onsite Hardware Only 4100i 24G CL4/6 POE 4SFP+ Sw SVC |
| H49Y8E | HPE Aruba Networking Foundational Care 3Y CTR 6-Hour 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC           |
| H50L6E | HPE Aruba Networking Foundational Care 3Y CTR 6-Hour 4100i 24G CL4/6 POE 4SFP+ Sw SVC               |
| H49Y9E | HPE Aruba Networking Foundational Care 3Y CTR 6-Hour CDMR 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50L7E | HPE Aruba Networking Foundational Care 3Y CTR 6-Hour CDMR 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H49Y0E | HPE Aruba Networking Foundational Care 3Y NBD Exch 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC             |



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|--------|-----------------------------------------------------------------------------------------------------|
| H50K8E | HPE Aruba Networking Foundational Care 3Y NBD Exch 4100i 24G CL4/6 POE 4SFP+ Sw SVC                 |
| H30VTE | HPE Aruba Networking Foundational Care 3Y NBD Exch Hardware Only 4100i 12GCL4/6POE2SFP+DINSwSVC     |
| H30WKE | HPE Aruba Networking Foundational Care 3Y NBD Exch Hardware Only 4100i 24G CL4/6 POE4SFP+ SwSVC     |
| H50R2E | HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T1 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H50R3E | HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T2 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H50D4E | HPE Aruba Networking Foundational Care 3Y NBD Exch VolumeT1 4100i 12G CL4/6 POE 2SFP+DIN Sw SVC     |
| H50D5E | HPE Aruba Networking Foundational Care 3Y NBD Exch VolumeT2 4100i 12G CL4/6 POE 2SFP+DIN Sw SVC     |
| H49Y2E | HPE Aruba Networking Foundational Care 3Y NBD Onsite 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC           |
| H50L0E | HPE Aruba Networking Foundational Care 3Y NBD Onsite 4100i 24G CL4/6 POE 4SFP+ Sw SVC               |
| H49Y3E | HPE Aruba Networking Foundational Care 3Y NBD Onsite CDMR 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50L1E | HPE Aruba Networking Foundational Care 3Y NBD Onsite CDMR 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H50A1E | HPE Aruba Networking Foundational Care 5Y 4HR Exch 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC             |
| H50M9E | HPE Aruba Networking Foundational Care 5Y 4HR Exch 4100i 24G CL4/6 POE 4SFP+ Sw SVC                 |
| H50G8E | HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T1 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50U6E | HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T1 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H50G9E | HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T2 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50U7E | HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T2 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H50A5E | HPE Aruba Networking Foundational Care 5Y 4HR Onsite 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC           |
| H50N3E | HPE Aruba Networking Foundational Care 5Y 4HR Onsite 4100i 24G CL4/6 POE 4SFP+ Sw SVC               |
| H50A6E | HPE Aruba Networking Foundational Care 5Y 4HR Onsite CDMR 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50N4E | HPE Aruba Networking Foundational Care 5Y 4HR Onsite CDMR 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H30WDE | HPE Aruba Networking Foundational Care 5Y 4HR Onsite HW Only 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC   |
| H30WTE | HPE Aruba Networking Foundational Care 5Y 4HR Onsite Hardware Only 4100i 24G CL4/6 POE 4SFP+ Sw SVC |
| H50A8E | HPE Aruba Networking Foundational Care 5Y CTR 6-Hour 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC           |
| H50N6E | HPE Aruba Networking Foundational Care 5Y CTR 6-Hour 4100i 24G CL4/6 POE 4SFP+ Sw SVC               |
| H50A9E | HPE Aruba Networking Foundational Care 5Y CTR 6-Hour CDMR 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC      |
| H50N7E | HPE Aruba Networking Foundational Care 5Y CTR 6-Hour CDMR 4100i 24G CL4/6 POE 4SFP+ Sw SVC          |
| H50A0E | HPE Aruba Networking Foundational Care 5Y NBD Exch 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC             |
| H50M8E | HPE Aruba Networking Foundational Care 5Y NBD Exch 4100i 24G CL4/6 POE 4SFP+ Sw SVC                 |
| H30WBE | HPE Aruba Networking Foundational Care 5Y NBD Exch Hardware Only 4100i 12GCL4/6POE2SFP+DINSwSVC     |
| H30WRE | HPE Aruba Networking Foundational Care 5Y NBD Exch Hardware Only 4100i 24G CL4/6 POE4SFP+ SwSVC     |

|        |                                                                                                 |
|--------|-------------------------------------------------------------------------------------------------|
| H50U2E | HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T1 4100i 24G CL4/6 POE 4SFP+ Sw SVC      |
| H50U3E | HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T2 4100i 24G CL4/6 POE 4SFP+ Sw SVC      |
| H50G4E | HPE Aruba Networking Foundational Care 5Y NBD Exch VolumeT1 4100i 12G CL4/6 POE 2SFP+DIN Sw SVC |
| H50G5E | HPE Aruba Networking Foundational Care 5Y NBD Exch VolumeT2 4100i 12G CL4/6 POE 2SFP+DIN Sw SVC |
| H50A2E | HPE Aruba Networking Foundational Care 5Y NBD Onsite 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC       |
| H50N0E | HPE Aruba Networking Foundational Care 5Y NBD Onsite 4100i 24G CL4/6 POE 4SFP+ Sw SVC           |
| H50A3E | HPE Aruba Networking Foundational Care 5Y NBD Onsite CDMR 4100i 12G CL4/6 POE 2SFP+ DIN Sw SVC  |
| H50N1E | HPE Aruba Networking Foundational Care 5Y NBD Onsite CDMR 4100i 24G CL4/6 POE 4SFP+ Sw SVC      |

# HPE Aruba Networking Services

HPE Aruba Networking services simplify and accelerate the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies, or you want to offload some of the burden, we have the services you need to reach your goals.

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- Architecture review and design
- Deployment, migration, and knowledge transfer

### Annual subscription services include:

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- Intelligent Operations
- Customer Experience Management

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