



HPE Aruba Networking CX 6200M Switches and Accessories

Start Here: Installation, Safety, and Regulatory
Information



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Legal Disclaimer

The resource assets in this document may include abbreviated and/or legacy terminology for products. See www.arubanetworks.com for current and complete product lines and names.



All Product Documentation

For the latest *Installation and Getting Started Guide* and other documentation for the HPE Aruba Networking CX 6200M switches and accessories, visit the Aruba Support Portal at the following link: <https://networkingsupport.hpe.com/downloads>.

See the rest of this guide for important pre-setup information.

Applicable Products

HPE Aruba Networking CX 6200M 24G 4SFP+ Switch (R8Q67A)	HPE Aruba Networking CX 6200M 24G 4SFP+ TAA Switch (R8V08A)
HPE Aruba Networking CX 6200M 24G Class4 PoE 4SFP+ Switch (R8Q68A)	HPE Aruba Networking CX 6200M 24G Class4 PoE 4SFP+ TAA Switch (R8V09A)
HPE Aruba Networking CX 6200M 48G 4SFP+ Switch (R8Q69A)	HPE Aruba Networking CX 6200M 48G 4SFP+ TAA Switch (R8V10A)
HPE Aruba Networking CX 6200M 48G Class4 PoE 4SFP+ Switch (R8Q70A)	HPE Aruba Networking CX 6200M 48G Class4 PoE 4SFP+ TAA Switch (R8V11A)
HPE Aruba Networking CX 6200M 36G 12SR5 Class6 PoE 4SFP+ Switch (R8Q71A)	HPE Aruba Networking CX 6200M36G 12SR5 Class6 PoE 4SFP+ TAA Switch (R8V12A)

Overview Product Information

The HPE Aruba Networking CX 6200M Switch Series is a family of edge networking stackable switches, ideal for enterprise network access. They provide the foundation for high-performance networks supporting IoT, mobile, and cloud applications.

These switches are intended for indoor use only. They are for use in commercial applications. A typical installation is in an environmentally controlled location. The end use environment may or may not be a restricted access location.

A tool is required to remove the top cover; however, the product is not considered serviceable by an operator.

Installation Precautions and Guidelines

To help avoid personal injury or product damage when installing your switch, read the following installation precautions and guidelines.



- Do not mount the switch on a wall, under a table, or under any other horizontal surface.
- Mount devices installed in a rack or cabinet as low as possible. Put the heaviest devices at the bottom, and progressively lighter devices positioned higher.
- To prevent the rack or cabinet from becoming unstable or falling over, ensure that it is adequately secured. This section provides precautions and guidelines to observe when installing your switch. For full installation instructions, see the *Installation and Getting Started Guide*.



- Do not ship any switch in a rack without checking for restrictions in the latest *Installation and Getting Started Guide*. Otherwise, you may void the switch warranty.
- Ensure the power source circuits are properly grounded. Then connect the switch to the power source by using the power cord supplied with the switch. For more information on power cords, see [Power Cords](#) on page 3.
- When installing the switch, the AC outlet should be near the switch and be easily accessible in case the switch must be powered off.
- Ensure that the power cord and network cables at the switch mounting location do not create a tripping hazard.
- Do not install the switch in an environment where the operating ambient temperature exceeds its specification. See the environmental operating temperature information in the latest *Installation and Getting Started Guide*.
- Ensure that the switch does not overload the power circuits, wiring, and over-current protection. To determine the possibility of overloading the supply circuits, add the ampere ratings of all devices installed on the same circuit as the switch. Then compare the total with the rating limit for the circuit. The maximum ampere ratings for a device are usually printed near the device AC power connectors.
- Do not block any ventilation openings on the front, rear, or side of the switch.
- Leave a minimum of 6 inches (15.24 cm) for cooling at the front and back of the switch. For the air flow direction, see the latest *Installation and Getting Started Guide*.
- If a power supply must be removed and reinstalled, wait at least five seconds before reinstallation. Otherwise, damage to the switch may occur. The power supply needs this time to bleed off any retained power.
- Marking label (includes power rating) is at the bottom of the switch.
- The switch equipment is not suitable for use in locations where children are likely to be present.



- Use only supported Aruba transceivers and DAC cables.
- The HPE Aruba NetworkingCX 6200M switches port side transceiver slots support SFP and SFP+ transceivers.
- For more information, see the latest version of the following two guides:
 - *Installation and Getting Started Guide*
 - *Transceiver Guide*

Power Cords

Only HPE Aruba Networking-approved power cords may be used with HPE Aruba Networking devices. See the power cord documentation provided in the latest version of the *HPE Aruba Networking CX 6200F/M Switch Series Installation and Getting Started Guide*. Lost or damaged power cords **must** be

replaced only with HPE Aruba Networking-approved power cords. If your installation requires a different power cord than the one supplied with the switch power supply, use a power cord that displays the mark of the safety agency that defines the regulations for power cords in your country or region. The mark is your assurance that the power cord can be used safely with the switch power supply.

Do not use a damaged or non-recommended power cord with your switch power supply. Using such power cords voids the switch and power supply warranty. It can also cause serious electrical problems, including injury or death to personnel, and damage to the switch and other property. If you cannot verify that you have a power cord approved for use with your switch model, contact your authorized HPE Aruba Networking dealer or sales representative for assistance.

Remove the power cord from the switch before mounting or dismounting the switch.

Japan power cord warning	製品には、同梱された電源コードをお使い下さい。 同梱された電源コードは、他の製品では使用出来ません。
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FOR INDOOR USE ONLY. The switch, power cords, and all connected cables are not designed for outdoor use.

Brazil Statement	Este equipamento deve ser conectado obrigatoriamente em tomada de rede de energia elétrica que possua aterramento (três pinos), conforme a Norma NBR ABNT 5410, visando a segurança dos usuários contra choques elétricos.)
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Shock hazard. To completely remove power from the switch, disconnect all power cords.

Environmental and Physical Specifications

Table 1: Environmental specifications for CX 6200M switch models

	HPE Aruba NetworkingCX 6200M switches
Operating temperature	32°F to 113°F (0°C to 45°C) up to 5000 ft derate -1°C for every 1000 ft from 5000 ft to 10000 ft
Operating relative humidity	5% to 95% @ 104°F (40°C) non-condensing
Non-operating temperature	-40°F to 158°F (-40°C to 70°C) up to 15000 ft
Non-operating storage relative humidity	5% to 90% @ 149°F (65°C) non-condensing
Max operating altitude	10000 feet (3.05 km) Max
Max non-operating altitude	15000 feet (4.57 km) Max

Table 2: Dimensions and weights for CX 6200M switch models

Switch	Width	Depth	Height	Weight
HPE Aruba Networking CX 6200M 24G 4SFP+ Switch (R8Q67A) HPE Aruba Networking CX 6200M 24G 4SFP+ TAA Switch (R8V08A)	44.2 cm (17.4 in)	38.5 cm (15.2 in)	4.4 cm (1.73 in)	5.44kg (12.00lbs)
HPE Aruba Networking CX 6200M 24G Class4 PoE 4SFP+ Switch (R8Q68A) HPE Aruba Networking CX 6200M 24G Class4 PoE 4SFP+ TAA Switch (R8V09A)	44.2 cm (17.4 in)	38.5 cm (15.2 in)	4.4 cm (1.73 in)	5.86 kg (12.91 lbs)
HPE Aruba Networking CX 6200M 48G 4SFP+ Switch (R8Q69A) HPE Aruba Networking CX 6200M 48G 4SFP+ TAA Switch	44.2 cm (17.4 in)	38.5 cm (15.2 in)	4.4 cm (1.73 in)	5.56 kg (12.26 lbs)

Switch	Width	Depth	Height	Weight
(R8V10A)				
HPE Aruba Networking CX 6200M 48G Class4 PoE 4SFP+ Switch (R8Q70A) HPE Aruba Networking CX 6200M 48G Class4 PoE 4SFP+ TAA Switch (R8V11A)	44.2 cm (17.4 in)	38.5 cm (15.2 in)	4.4 cm (1.73 in)	6.15 kg (16.56 lbs)
HPE Aruba Networking CX 6200M 36G 12SR5 Class6 PoE 4SFP+ Switch (R8Q71A) HPE Aruba Networking CX 6200M 36G 12SR5 Class6 PoE 4SFP+ TAA Switch (R8V12A)	44.2 cm (17.4 in)	38.5 cm (15.2 in)	4.4 cm (1.73 in)	6.31 kg (13.91 lbs)



The weights listed above include one fan tray and one power supply unit.

HPE Aruba Networking CX 6200M Switch Series

Safety and Regulatory Information



For important safety, environmental, and regulatory information, see Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products, available at <http://www.hpe.com/support/Safety-Compliance-EnterpriseProducts>.

Table 3: HPE Aruba Networking CX 6200M modular power supplies

Switch Model	Supported Power Supply(ies)
HPE Aruba Networking CX 6200M 24G 4SFP+ Switch (R8Q67A)	Aruba X371 12VDC 250W 100-240VAC Power Supply (JL085A)
HPE Aruba Networking CX 6200M 24G 4SFP+ TAA Switch (R8V08A)	Aruba X371 12VDC 250W 100-240VAC Power Supply (JL085A)
HPE Aruba Networking CX 6200M 48G 4SFP+ Switch (R8Q69A)	Aruba X371 12VDC 250W 100-240VAC Power Supply (JL085A)
HPE Aruba Networking CX 6200M 48G 4SFP+ TAA Switch (R8V10A)	Aruba X371 12VDC 250W 100-240VAC Power Supply (JL085A)
HPE Aruba Networking CX 6200M 24G Class4 PoE 4SFP+ Switch (R8Q68A)	Aruba X372 54VDC 680W 100-240VAC Power Supply (JL086A)
	Aruba X372 54VDC 1050W 110-240VAC Power Supply (JL087A)
HPE Aruba Networking CX 6200M 24G Class4 PoE 4SFP+ TAA Switch (R8V09A)	Aruba X372 54VDC 680W 100-240VAC Power Supply (JL086A)
	Aruba X372 54VDC 1050W 110-240VAC Power Supply (JL087A)
Aruba 6200M 48G Class4 PoE 4SFP+ Switch (R8Q70A)	Aruba X372 54VDC 680W 100-240VAC Power Supply (JL086A)
	Aruba X372 54VDC 1050W 110-240VAC Power Supply (JL087A)
Aruba 6200M 48G Class4 PoE 4SFP+ TAA Switch (R8V11A)	Aruba X372 54VDC 680W 100-240VAC Power Supply (JL086A)
	Aruba X372 54VDC 1050W 110-240VAC Power Supply (JL087A)
Aruba 6200M 36G 12SR5 Class6 PoE 4SFP+ Switch (R8Q71A)	Aruba X372 54VDC 680W 100-240VAC Power Supply (JL086A)
	Aruba X372 54VDC 1050W 110-240VAC Power Supply (JL087A)
Aruba 6200M 36G 12SR5 Class6 PoE 4SFP+ TAA Switch (R8V12A)	Aruba X372 54VDC 680W 100-240VAC Power Supply (JL086A)
	Aruba X372 54VDC 1050W 110-240VAC Power Supply (JL087A)

Table 4: Electrical Information for HPE Aruba Networking CX 6200M modular power supplies

Power Supply Model	Maximum Current	AC Voltage	Frequency Range
Aruba X371 12VDC 250W 100-240VAC Power Supply (JL085A)	3A - 1.2A	100V - 240V	50/60HZ
Aruba X372 54VDC 680W 100-240VAC Power Supply (JL086A)	8A - 3.5A	100V - 240V	
Aruba X372 54VDC 1050W 110-240VAC Power Supply (JL087A)	12A - 5A	110 - 240V	

Table 5: Safety and regulatory information for HPE Aruba Networking CX 6200M switches

Topic	Range
Safety-EU	EN 62368-1:2014 +A11:2017 2nd Ed. EN 62368-1:2020 +A11:2020 3rd Ed.
Safety-World Wide	IEC 60950-1:2005 + A1:2009 + A2:2013 with all known National Deviations IEC 62368-1:2014 2nd ed. with all known National Deviations IEC 62368-1:2018 3rd Ed. with all known National Deviations
North American	US:UL 62368 3rd Ed. CAN/CSA-C22.2 No. 62368-1 3rd Ed.
EMC	BS/EN 55032:2015 +A11:2020/CISPR 32, Class A BS/EN 55035:2017 +A11:2020/CISPR 35 BS/EN 61000-3-2:2019 BS/EN 61000-3-3:2013/A1:2019 FCC CFR47 Part 15:2014, Class A ICES-003, Class A AS/NZS CISPR 32, Class A VCCI-32, Class A CNS 15936:2016 KS C 9832:2019 KS C 9835:2019
RoHS	EN IEC 63000:2018

Table 6: Regulatory Model Numbers for HPE Aruba Networking CX 6200M switches

Regulatory Model Number	Model Number	Descriptions
RSVLC-2105	R8Q71A	HPE Aruba Networking CX 6200M 36G 12SR5 Class6 PoE 4SFP+ Switch
	R8V12A	HPE Aruba Networking CX 6200M 36G 12SR5 Class6 PoE 4SFP+ TAA Switch
RSVLC-2106	R8Q70A	HPE Aruba Networking CX 6200M 48G Class4 PoE 4SFP+ Switch
	R8V11A	HPE Aruba Networking CX 6200M 48G Class4 PoE 4SFP+ TAA Switch
	R8Q68A	HPE Aruba Networking CX 6200M 24G Class4 PoE 4SFP+ Switch
	R8V09A	HPE Aruba Networking CX 6200M 24G Class4 PoE 4SFP+ TAA Switch
RSVLC-2107	R8Q69A	HPE Aruba Networking CX 6200M 48G 4SFP+ Switch
	R8V10A	HPE Aruba Networking CX 6200M 48G 4SFP+ TAA Switch
	R8Q67A	HPE Aruba Networking CX 6200M 24G 4SFP+ Switch
	R8V08A	HPE Aruba Networking CX 6200M 24G 4SFP+ TAA Switch

China altitude warning

安全说明和标记

仅适用于海拔 2000m 以下地区安全使用。



Environmental and other switch specifications, such as acoustics data, are included in the latest version of the *Installation and Getting Started Guide*.

Japan VCCI Class A statement

この装置は、クラスA機器です。この装置を住宅環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

VCCI — A

Korea EMC Class A statement

사용자 안내문

이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전파간섭의 우려가 있습니다.

Taiwan EMC Class A Statement

警告：為避免電磁干擾，本產品不應安裝或使用於住宅環境。

Battery Statements



NOTE

- Where a battery incorporated by Hewlett Packard Enterprise is too small to bear the CE marking, it conforms with applicable **CE** requirements.
- These switches use a lithium battery. Do not attempt to replace the battery. Return the switch to Hewlett Packard Enterprise for battery replacement.
- The only indicator of battery failure is the failure of the switch internal clock to keep the correct time across a reboot or power cycle. If a battery failure occurs, contact your authorized Hewlett Packard Enterprise representative for assistance. Batteries are not customer-serviceable and battery failures should be referred only to service personnel authorized by Hewlett Packard Enterprise.
- For important safety, environmental, and regulatory information, see *Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products*, available at <http://www.hpe.com/support/SafetyCompliance-EnterpriseProducts>.

ATTENTION

Il y a danger d'explosion s'il y a remplacement incorrect de la batterie.
Remplacer uniquement avec une batterie du même type ou d'un type équivalent
recommandé par le constructeur. Mettre au rebut les batteries usagées conformément aux
instructions du fabricant.

ATTENTION

The battery supplied with this product may contain perchlorate material. Special handling may
apply in California and certain other states. See
<http://www.dtsc.ca.gov/hazardouswaste/perchlorate> Web site for more information.



A risk of explosion exists if a battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Belarus Kazakhstan Russia Marking



For manufacturer and local representative information, see Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products at <http://www.hpe.com/support/Safety-Compliance-EnterpriseProducts>.

United Kingdom



EU & UK Regulatory Contact:
HPE, Postfach 0001, 1122 Wien, Austria

India

This product conforms to the relevant Essential Requirements of TEC, Department of Telecommunications, Ministry of Communications, Govt of India, New Delhi-110001.

China

The NAL Label can be found near product packaging regulatory label.

Preview of Installing an HPE Aruba Networking CX 6200M Switch



This section previews the steps for installing the HPE Aruba Networking CX 6200M switches. To find detailed switch installation steps, information on configuration tools, and other instructions and information, see the latest Installation and Getting Started Guide for your switch.

1. Prepare the installation site. (See the latest Installation and Getting Started Guide for your switch.)
2. Unpack the switch and verify that you have received the correct parts.
3. Install a power supply if the switch was not shipped with a power supply already installed.
4. Connect power to the switch and observe the switch self-test, then remove power from the switch.
5. Mount the switch.

Weight and mounting restrictions apply. See the "Warning" information in the [Installation Precautions and Guidelines](#).

6. Connect the switch to a power source.
7. (Optional) Install transceivers.
8. Connect the network cables.
9. Configure the switch for network operation.

Documentation Feedback

Send any errors, suggestions, or comments to Documentation Feedback (hpe-aruba-techpub@hpe.com).