

X460-G2 Series Switch Quick Reference



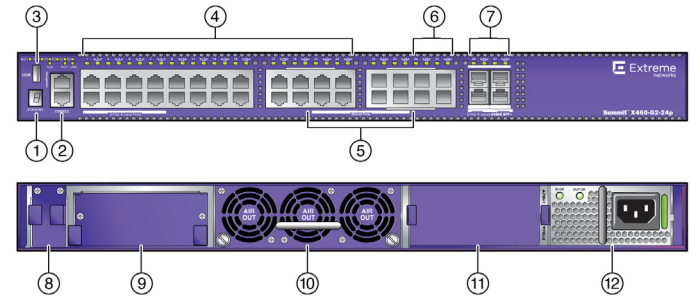
Electrical Hazard: Only qualified personnel should perform installation procedures.
Risques d'électrocution: Seul un personnel qualifié doit effectuer les procédures d'installation.

For complete installation instructions see the *ExtremeSwitching and Summit Switches: Hardware Installation Guide* at: www.extremenetworks.com/documentation

Hardware Components

Figure 1 displays the panel ports, LEDs, and hardware components on a typical X460-G2 switch. See the *ExtremeSwitching and Summit Switches: Hardware Installation Guide* for component details.

Figure 1 X460-G2 Sample Front and Rear Panels



1 Stack LED	5 Combo ports	9 VIM module bay
2 Console/Management ports	6 100/1000BASE-X and 100FX SFP ports	10 Front-to-Back or Back-to-Front fan module
3 USB port	7 10G SFP+ ports	11 Power supply bay
4 10/100/1000BASE-T ports	8 TM-CLK module bay	12 Power supply

Interface Module Options

The following modules can be used with X460-G2 switches:

- VIM-2q Ethernet Module with 2x40G ports (part no. 16710).
- VIM-2ss Stacking Modules (part no. 16713).
- VIM-2t Ethernet Module with 2x10GBase-T ports (part no. 16712).
- VIM-2x Ethernet Module with 2x10GSFP+ ports (part no. 16711).
- TM-CLK Clock Module to support Sync-E and 1588 (part no. 16715).



Caution: Be sure that power is turned off to the switch before inserting or removing any interface module options. The VIM and clock module options are not hot-swappable.

Installation Site Requirements

The installation site must be within reach of the network cabling and meet the requirements listed below:

- Appropriate grounded power receptacles must be located within six feet of the site.
- A temperature of between 0°C (32°F) and 50°C (122°F) must be maintained at the installation site with fluctuations of less than 10°C (18°F) per hour.



Caution: To ensure proper ventilation and prevent overheating, leave a minimum clearance space of 5.1 cm (2.0 in.) on both sides of the device.



Warning: Ensure that the site's power supply provides a readily accessible disconnect device such as a breaker or master switch.

Handling the Switch



Caution: Failure to follow proper ESD handling procedures may result in damage to the switch.

To minimize the risk of ESD damage, follow appropriate ESD procedures when unpacking and handling the switch. These include unpacking the switch in an ESD safe environment and wearing appropriate ESD protective gear, such as ESD-safe footwear and ESD wrist straps where appropriate.

Unpack the switch as follows:

- Remove the packing material protecting the switch.
- Remove the tape seal on the non-conductive bag to remove the switch.
- Perform a visual inspection of the switch for any signs of physical damage. Contact Extreme Networks if there are any signs of damage. See "Getting Help" for more information on contacting Extreme Networks.

Installing the X460-G2 Switch

You can install an ExtremeSwitching or Summit X460-G2 Series switch in a rack. There are four possible rack mounting configurations, depending upon whether:

- The switch I/O ports or the device's power supply side face front.
- The device is mounted flush with the rack posts or mid-mounted.

Verify Fan Module and Power Supply Airflow



Caution: Ensure that the power supply and fan module airflow are in the same direction in order to properly cool the installed X460-G2 system.

Airflow direction is always from the perspective of the cool air intake aisle (front of rack) to the hot air exhaust aisle (rear of rack). Airflow can be from either:

- The switch I/O port side to the power supply side (front to back).
- The power supply side to the switch I/O port side (back to front).

Before installing the power supply into the X460-G2 switch, perform a visual check to ensure that both power supply and fan module airflows agree with the intended configuration.

Note: If using one power supply, it can be installed in either of the two power supply bays. If only one power supply is used, be sure to insert a blank cover on the unused power supply bay. The blank cover is provided with the switch.

Secure the X460-G2 Switches to the Rack



Caution: Before rack-mounting the device, ensure that the rack can support it without compromising stability. Otherwise, personal injury and/or equipment damage may result.



Note: The rack mounting brackets provide two holes for securing the switches to the rack. Use two screws or fasteners appropriate to your rack on each side when securing the X460-G2 Series switch to the rack.

It is recommended that power supplies be installed after the switches have been secured to the rack to minimize weight that must be supported when installing rack screws.

To secure the switches to the rack:

- Attach the mounting brackets to the sides of the switch using six screws for each bracket.
- Align the rack mount ear holes with the front rack post holes.
- Secure the switches to each rack post with at least two screws or fasteners appropriate to the rack.

Install SFP, SFP+, and QSFP+ Pluggable Transceivers



Warning: Fiber-optic SFP, SFP+, and QSFP+ ports use Class 1 or Class 1M lasers.
LASER RADIATION
DO NOT EXPOSE USERS OF TELESCOPIC OPTICS
CLASS 1 OR 1M LASER PRODUCT
Do not use optical instruments to view the laser output. The use of optical instruments to view laser output increases eye hazard.

To install a transceiver in a X460-G2 Series switch:

- Attach the ESD wrist strap. Refer to the instructions on the wrist strap package.
- Carefully align the transceiver with the port slot and push the transceiver into the port slot until the transceiver clicks and locks into place.

Connect Power to the Switch



Warning: Extreme Networks power supplies do not have switches for turning the unit on and off. Disconnect all power cords to remove power from the device before servicing. Make sure that these connections are easily accessible.



Warning: A dedicated Listed circuit breaker rated at 15A is to be used for each power supply connection.

After you have installed the power supply modules, you can connect to a single, primary source of power, or to two sources of power for redundancy. To power-up your X460-G2 Series switch:

- Attach the power cord from your redundant power supply into the X460-G2 Series switch's power supply receptacle.
- Once power is connected, verify that the PSU LED (P1 and/or P2) turns green. If the PSU LED does not turn green, refer to the *ExtremeSwitching and Summit Switches: Hardware Installation Guide* for troubleshooting information.

Selection of Power Cords

Extreme Networks does not include any AC power input cords. To purchase the correct power cord for your specific country, refer to www.extremenetworks.com/product/powercords/ for power cord details to purchase a cord from Extreme Networks or your local supplier.

Initial Network Connection and Configuration

Check at ezcloudx.com/supportedhardware to see what switch models can be managed by ExtremeCloud. If your switch is entitled for management by ExtremeCloud, you can optionally use the installation instructions at ezcloudx.com/quickstart.

Otherwise, when you have connected power to the switch and verified LED activity, complete the setup process as follows:

- Connect a management station to the console port using either an Ethernet to serial adapter or DB-9 serial cable.
- Verify that the system LEDs are on (solid green or blinking green).
- Using PuTTY, TeraTerm, or other terminal emulator, connect to the switch using the serial port connection. Be sure that your serial connection is set properly:
 - 9600 baud
 - 8 data bits
 - 1 stop bit
- Using the console session, perform the following:
 - At the password prompt, press **ENTER (RETURN)** twice.
 - Enter user: admin

c For the initial password, simply press **ENTER**.

d Follow the screen prompts for initial configuration.

e Enter the `show version` command. Record the switch serial number. The following is example output with the serial number in bold:

- ```
Transit.3 # show version
Switch : 800444-00-05 0723G-01234 Rev 5.0 BootROM:
5 Go to Extreme Networks e-support at
 https://esupport.extremenetworks.com
6 After logging in, go to the product registration page.
7 Enter the serial number of the switch.
8 Download the software to your PC from the software download page.
9 Connect back to the switch using the console port and connect an Ethernet cable from the management port on the switch to your PC.
10 To avoid IP conflict you might need to reset the IP address on your PC (for example, to 10.10.10.10 255.255.255.0).
11 At the switch, set the IP address of the switch. For example, enter:
 con mgmt ipa 10.10.10.9/24
12 Enter save config to save your configuration.
13 Start a TFTP session using a program such as TFTPd64. Point the TFTP server to your PC IP address and the ExtremeXOS image file saved on your PC.
14 At the switch, download the new software. For example, enter:
 download image 10.10.10.10 summitX-nn.n.n.n-patch1-nn.xos
15 Install the software after it loads by typing y when prompted if you want to install the load.
16 When the download and install have finished, reboot the switch when prompted. Enter: reboot
```

### Optional CLI Commands

Once logged into the switch you can create new VLANs by issuing the following two commands:

- `create vlan <vlan name>`
- `configure vlan <vlan name> tag XXXX` (replace XXXX with the VLAN tag number - options are 1-4096)

These two commands will create a VLAN, give it a logical name, and assign a tag number.

To configure a Default Gateway in the Extreme Networks CLI enter:

```
configure iproute add default <IP Address>
```

### Port Configuration CLI Commands

For additional port configuration CLI commands, refer to the *ExtremeXOS Command Reference Guide* at: [www.extremenetworks.com/documentation](http://www.extremenetworks.com/documentation).

### Specifications Switch Dimensions

4.40 cm (1.73") H x 44.1 cm (17.38") W x 43.0 cm (16.94") L (t and x models)

4.40 cm (1.73") H x 44.1 cm (17.38") W x 48.5 cm (19.11") L (p models)

(Not including installed power supplies or fan modules)

### Temperature and Humidity

Operating: 0°C (32°F) to 50°C (122°F)

Storage: -40°C to 70°C (-40°F to 158°F)

Operating relative humidity: 10% to 95% (non-condensing)

### Interfaces

Each 460-G2 switch has a USB, console, and management port. The following table lists the specific data interfaces for each model. All models include the ExtremeXOS Advanced Edge license.

Table 1 X460-G2 Series Interface Descriptions

|                                         |                                                                                                                                                                                                                                                       |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| X460-G2-24t-GE4 (Part no. 16716)        | X460-G2 24 10/100/1000BASE-T, 12 100/1000BASE-X unpopulated SFP (4 SFP ports shared), Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated)                                             |
| X460-G2-24t-10GE4 (Part no. 16701)      | X460-G2 24 10/100/1000BASE-T, 8 100/1000BASE-X unpopulated SFP (4 SFP ports shared), 4 1000/10GBaseX unpopulated SFP+ ports, Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated)      |
| X460-G2-48t-GE4 (Part no. 16717)        | X460-G2 48 10/100/1000BASE-T, 4 100/1000BASE-X unpopulated SFP, Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated)                                                                   |
| X460-G2-48t-10GE4 (Part no. 16702)      | X460-G2 48 10/100/1000BASE-T, 4 1000/10GBaseX unpopulated SFP+ ports, Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated)                                                             |
| X460-G2-24t-24ht-10GE4 (Part no. 16757) | X460-G2 48 10/100/1000BASE-T ports (24 full-duplex, 24 full- or half-duplex), 4 1000/10GBaseX unpopulated SFP+ ports, Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated)             |
| X460-G2-24p-GE4 (Part no. 16718)        | X460-G2 24 10/100/1000BASE-T PoE+, 12 100/1000BASE-X unpopulated SFP (4 SFP ports shared), Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated)                                        |
| X460-G2-24p-10GE4 (Part no. 16703)      | X460-G2 24 10/100/1000BASE-T PoE+, 8 100/1000BASE-X unpopulated SFP (4 SFP ports shared), 4 1000/10GBaseX unpopulated SFP+ ports, Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated) |
| X460-G2-48p-GE4 (Part no. 16719)        | X460-G2 48 10/100/1000BASE-T PoE+, 4 100/1000BASE-X unpopulated SFP, Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated)                                                              |
| X460-G2-48p-10GE4 (Part no. 16704)      | X460-G2 48 10/100/1000BASE-T PoE+, 4 1000/10GBaseX unpopulated SFP+ ports, Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated)                                                        |

Table 1 X460-G2 Series Interface Descriptions

|                                         |                                                                                                                                                                                                                                                |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| X460-G2-24p-24hp-10GE4 (Part no. 16756) | X460-G2 48 10/100/1000BASE-T PoE+ ports (24 full-duplex, 24 full- or half-duplex), 4 1000/10GBaseX unpopulated SFP+ ports, Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated) |
| X460-G2-24x-10GE4 (Part no. 16705)      | X460-G2 24 100/1000BASE-X unpopulated SFP, 8 10/100/1000BASE-T (4 ports shared), 4 1000/10GBaseX unpopulated SFP+ ports, Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated)   |
| X460-G2-48x-10GE4 (Part no. 16706)      | X460-G2 48 100/1000BASE-X unpopulated SFP, 4 1000/10GBaseX unpopulated SFP+ ports, Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated)                                         |
| X460-G2-16mp-32p-10GE4 (Part no. 16720) | X460-G2 16 100/1000/2.5G BASE-T PoE+, 32 10/100/1000Base-T PoE+, 4 1000/10GBaseX unpopulated SFP+ ports, Rear VIM Slot (unpopulated), Rear Timing Slot (unpopulated), 2 unpopulated PSU slots, fan module slot (unpopulated)                   |

### Power Supply Options

Refer to the *ExtremeSwitching and Summit Switches: Hardware Installation Guide* for full instructions on power supply configurations.

Table 2 X460-G2 Series Power Supply Options

| 300 W AC Power Supply                   |                                                          |
|-----------------------------------------|----------------------------------------------------------|
| X460-G2-24t-GE4 (Part no. 16716)        | Part no. 10930A FB (front to back)                       |
| X460-G2-24t-10GE4 (Part no. 16701)      | Model EDPS-300AB CA                                      |
| X460-G2-24t-24ht-10GE4 (Part no. 16757) | Part no. 10943 BF (back to front)                        |
| X460-G2-24x-10GE4 (Part no. 16705)      | Model EDPS-300AB A                                       |
| X460-G2-48t-GE4 (Part no. 16717)        | 100-240V- 50-60 Hz, 1.25 A max per PS                    |
| X460-G2-48t-10GE4 (Part no. 16702)      |                                                          |
| X460-G2-48x-10GE4 (Part no. 16706)      |                                                          |
| 300 W DC Power Supply                   |                                                          |
| X460-G2-24t-GE4 (Part no. 16716)        | Part no. 10933 FB (front to back)                        |
| X460-G2-24t-10GE4 (Part no. 16701)      | Model PSSW301201A                                        |
| X460-G2-24x-10GE4 (Part no. 16705)      | Part no. 10944 BF (back to front)                        |
|                                         | Model PSSW301202A                                        |
|                                         | +24VDC or -48VDC, 4.75 A max per PS                      |
| 300 W DC Power Supply                   |                                                          |
| X460-G2-24t-24ht-10GE4 (Part no. 16757) | Part no. 10933 FB (front to back)                        |
| X460-G2-48t-GE4 (Part no. 16717)        | Model PSSW301201A                                        |
| X460-G2-48t-10GE4 (Part no. 16702)      | Part no. 10944 BF (back to front)                        |
| X460-G2-48x-10GE4 (Part no. 16706)      | Model PSSW301202A                                        |
|                                         | +24VDC or -48VDC, 5.25 A max per PS                      |
| 350 W AC Power Supply                   |                                                          |
| X460-G2-24p-GE4 (Part no. 16718)        | Part no. 10953 FB (front to back)                        |
| X460-G2-24p-10GE4 (Part no. 16703)      | Model PSSF351101A                                        |
| X460-G2-24p-24hp-10GE4 (Part no. 16756) | Part no. 10954 BF (back to front)                        |
| X460-G2-48p-GE4 (Part no. 16719)        | Model PSSF351102A                                        |
| X460-G2-48p-10GE4 (Part no. 16704)      | 100-127V- / 200-240V- 50-60 Hz, 3.7/1.9A max per PS      |
| X460-G2-16mp-32p-10GE4 (Part no. 16720) |                                                          |
| 715 W AC Power Supply                   |                                                          |
| X460-G2-24p-GE4 (Part no. 16718)        | Part no. 10951 FB (front to back)                        |
| X460-G2-24p-10GE4 (Part no. 16703)      | Model PSSF711101A                                        |
|                                         | Part no. 10952 BF (back to front)                        |
|                                         | Model PSSF711102A                                        |
|                                         | 100-127V- / 200-240V- 50-60 Hz, 5.75 A/2.75 A max per PS |
| 715 W AC Power Supply                   |                                                          |
| X460-G2-24p-24hp-10GE4 (Part no. 16756) | Part no. 10951 FB (front to back)                        |
| X460-G2-48p-GE4 (Part no. 16719)        | Model PSSF112101A                                        |
| X460-G2-48p-10GE4 (Part no. 16704)      | Part no. 10952 BF (back to front)                        |
|                                         | Model PSSF112102A                                        |
|                                         | 100-127V- / 200-240V- 50-60 Hz, 7.5 A/3.75 A max per PS  |
| 715 W AC Power Supply                   |                                                          |
| X460-G2-16mp-32p-10GE4 (Part no. 16720) | Part no. 10951 FB (front to back)                        |
|                                         | Model PSSF711101A                                        |
|                                         | Part no. 10952 BF (back to front)                        |
|                                         | Model PSSF711102A                                        |
|                                         | 100-127V- / 200-240V- 50-60 Hz, 7.7 A/3.75 A max per PS  |
| 1100 W AC Power Supply                  |                                                          |
| X460-G2-24p-GE4 (Part no. 16718)        | Part no. 10941 FB (front to back)                        |
| X460-G2-24p-10GE4 (Part no. 16703)      | Model PSSF112101A                                        |
|                                         | Part no. 10942 BF (back to front)                        |
|                                         | Model PSSF112102A                                        |
|                                         | 100-127V- / 200-240V- 50-60 Hz, 10.5 A/5.0 A max per PS  |
| 1100 W AC Power Supply                  |                                                          |
| X460-G2-24p-24hp-10GE4 (Part no. 16756) | Part no. 10941 FB (front to back)                        |
| X460-G2-48p-GE4 (Part no. 16719)        | Model PSSF112101A                                        |
| X460-G2-48p-10GE4 (Part no. 16704)      | Part no. 10942 BF (back to front)                        |
|                                         | Model PSSF112102A                                        |
|                                         | 100-127V- / 200-240V- 50-60 Hz, 10.75 A/5.0 A max per PS |
| 1100 W AC Power Supply                  |                                                          |
| X460-G2-16mp-32p-10GE4 (Part no. 16720) | Part no. 10941 FB (front to back)                        |
|                                         | Model PSSF112101A                                        |
|                                         | Part no. 10942 BF (back to front)                        |
|                                         | Model PSSF112102A                                        |
|                                         | 100-127V- / 200-240V- 50-60 Hz, 11.5 A/5.5 A max per PS  |

## Getting Help

For additional support related to X460-G2 series switches or this document, contact Extreme Networks using one of the following methods:

|                                                  |                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Documentation</b>                     | <a href="https://www.extremenetworks.com/documentation/">https://www.extremenetworks.com/documentation/</a>                                                                                                                                                                                                                                                  |
| <b>Global Technical Assistance Center (GTAC)</b> | Phone: 1-800-998-2408 (toll-free in U.S. and Canada) or +1-408-579-2826. For the support phone number in your country, visit: <a href="http://www.extremenetworks.com/support/contact/">http://www.extremenetworks.com/support/contact/</a>                                                                                                                  |
| <b>GTAC Knowledge</b>                            | Get on-demand and tested resolutions from the GTAC Knowledgebase, or create a help case if you need more guidance. Visit: <a href="https://gtacknowledge.extremenetworks.com/">https://gtacknowledge.extremenetworks.com/</a>                                                                                                                                |
| <b>The Hub</b>                                   | A forum for Extreme customers to connect with one another, get questions answered, share ideas and feedback, and get problems solved. The community is monitored by Extreme Networks employees, but is not intended to replace specific guidance from GTAC. Visit: <a href="https://community.extremenetworks.com">https://community.extremenetworks.com</a> |
| <b>Support Portal</b>                            | Manage cases, downloads, service contracts, product licensing, and training and certifications. Visit: <a href="http://support.extremenetworks.com/">http://support.extremenetworks.com/</a>                                                                                                                                                                 |

## Notice

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## Warranty

Warranty information for X460-G2 series switches is located online at:

[www.extremenetworks.com/go/warranty](http://www.extremenetworks.com/go/warranty)

## Regulatory and Compliance Information

### Federal Communications Commission (FCC) Notice

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment uses, generates, and can radiate radio frequency energy and if not installed in accordance with the operator's manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause interference in which case the user will be required to correct the interference at his own expense.

**WARNING:** Changes or modifications made to this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### Industry Canada Notice

This digital apparatus does not exceed the class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la class A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

### Class A ITE Notice

**WARNING:** This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference

### Klasse A ITE Anmerkung

**WARNHINWEIS:** Dieses Produkt zählt zur Klasse A ( Industriebereich ). In Wohnbereichen kann es hierdurch zu Funkstörungen kommen, daher sollten angemessene Vorkehrungen zum Schutz getroffen werden.

### Product Safety

This product complies with the following: UL 60950-1, FDA 21 CFR 1040.10 and 1040.11, CAN/CSA-C22.2 No. 60950-1, EN 60950-1, EN 60825-1, EN 60825-2, IEC 60950-1, 2014/35/EU.

### Produktsicherheit

Dieses Produkt entspricht den folgenden Richtlinien: UL 60950-1, FDA 21 CFR 1040.10 and 1040.11, CAN/CSA-C22.2 No. 60950-1, EN 60950-1, EN 60825-1, EN 60825-2, IEC 60950-1, 2014/35/EU.

### Korea EMC Statement

이 기기는 업무용 환경에서 사용할 목적으로 적

합성평가를 받은 기기로서 가정용 환경에서 사

용하는 경우 전파간섭의 우려가 있습니다.

### Electromagnetic Compatibility (EMC)

This product complies with the following: FCC 47 CFR Part 15 (Class A), ICES-003 (Canada), EN 55032 (Class A), EN 55024, EN 61000-3-2, EN 61000-3-3, AS/NZS CISPR 32 (Class A), VCCI V-3, 2014/30/EU (EMC Directive)

### Elektro-magnetische Kompatibilität (EMC)

Dieses Produkt entspricht den folgenden Richtlinien: FCC 47 CFR Part 15 (Class A), ICES-003 (Class A), EN 55032 (Class A), EN 55024, EN 61000-3-2, EN 61000-3-3, AS/NZS CISPR 32 (Class A), VCCI V-3, 2014/30/EU (EMC Directive)

### VCCI Notice

This is a class A product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio disturbance may arise. When such trouble occurs, the user may be required to take corrective actions.

この装置は、クラスA情報技術装置です。この装置を家庭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

### BSMI EMC Statement — Taiwan

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

警告使用者:

此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻

擾動，在此種情況下，使用者會被要求採取某些適當的對策。

警告使用者:

此为A级产品，在生活环境中，该产品可能会造成无线电干扰

在这种情况下，可能需要用户对干扰采取切实可行的措施。

### Battery Warning — Taiwan

警告

如果更換不正確之電池型式會有爆炸的風險，

請依製造商說明書處理用過之電池。



**Warning:** This product contains a battery used to maintain product information. If the battery should need replacement it must be replaced by Service Personnel. Please contact Technical Support for assistance.

Risk of explosion if battery is replaced by an incorrect type. Dispose of expended battery in accordance with local disposal regulations.

**Avertissements:** Ce produit renferme une pile servant à conserver les renseignements sur le produit. Le cas échéant, faites remplacer la pile par le personnel du service de réparation. Veuillez communiquer avec l'assistance technique pour du soutien.

Il y a risque d'explosion si la pile est remplacée par un type de pile incorrect. Éliminez les piles usées en conformité aux règlements locaux d'élimination des piles.

### Hazardous Substances- China and Taiwan BSMI RoHS

Guidance concerning the China and Taiwan BSMI RoHS (Restriction of Hazardous Substances) directive for this Extreme Networks® product can be found on the following web page:

[www.extremenetworks.com/support/documentation/restriction-hazardous-substances/](http://www.extremenetworks.com/support/documentation/restriction-hazardous-substances/)

The page contains tables detailing the presence of 10 substances defined by the RoHS directive.

### Hazardous Substances - EU

This product complies with the requirements of Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

### European Waste Electrical and Electronic Equipment (WEEE) Notice



In accordance with Directive 2012/19/EU of the European Parliament on waste electrical and electronic equipment (WEEE):

- 1 The symbol above indicates that separate collection of electrical and electronic equipment is required.
- 2 When this product has reached the end of its serviceable life, it cannot be disposed of as unsorted municipal waste. It must be collected and treated separately.
- 3 It has been determined by the European Parliament that there are potential negative effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment.
- 4 It is the users' responsibility to utilize the available collection system to ensure WEEE is properly treated. For information about the available collection system, please contact Extreme Customer Support at +353 61 705500 (Ireland).

### Safety

This product complies with the following international safety standards:

- UL 60950-1 2nd edition, A2:2014
- CAN/CSA-C22.2 No. 60950-1-07 2nd Ed. 2014-10
- IEC 60950-1:2005 2nd+A1:2009+A2:2013
- IEC 60950-1:2006+A11+A1+A12+A2
- 2014/35/EU

# Extreme Networks X460-G2 Series Switches

## Quick Reference

**ExtremeSwitching X460-G2-24t-24ht-10GE4**  
**ExtremeSwitching X460-G2-24p-24hp-10GE4**  
**ExtremeSwitching X460-G2-16mp-32p-10GE4**  
**Summit X460-G2-24t-GE4**  
**Summit X460-G2-24t-10GE4**  
**Summit X460-G2-48t-GE4**  
**Summit X460-G2-48t-10GE4**  
**Summit X460-G2-24p-GE4**  
**Summit X460-G2-24p-10GE4**  
**Summit X460-G2-48p-GE4**  
**Summit X460-G2-48p-10GE4**  
**Summit X460-G2-24x-10GE4**  
**Summit X460-G2-48x-10GE4**