

# Quick Start Guide

## 48-Port 10G Top-of-Rack Switch

AS5610-52X

### 1. Unpack the Switch and Check Contents



AS5610-52X 10G Top-of-Rack Switch



Rack Mounting Kit—Contains two brackets and eight screws for attaching the brackets to the switch.



Grounding Wire



Power Cord—either Japan, US, Continental Europe or UK



Console Cable—RJ-45 to DB-9



Documentation—*Quick Start Guide* (this document) and *Safety and Regulatory Information*



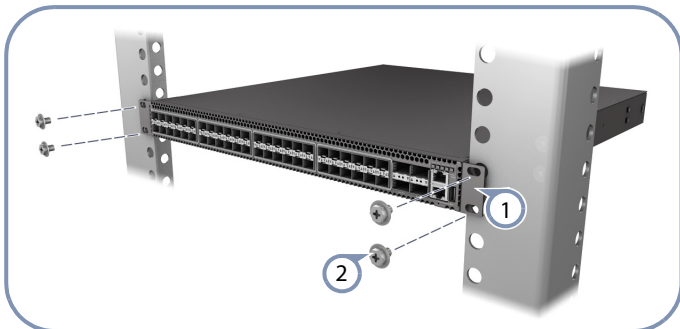
**Note:** For information on switch software, refer to [www.edge-core.com.au](http://www.edge-core.com.au)

Switches with part numbers 5610-52X-D\*-\*-\*-\* have switch software pre-loaded on the switch. Software user documentation can be found at [www.edge-core.com.au](http://www.edge-core.com.au)  
Switches with part numbers 5610-52X-O\*-\*-\*-\* have the Open Network Installer Environment software installer pre-loaded on the switch, but no switch software image. Information about compatible switch software can be found at [www.edge-core.com.au](http://www.edge-core.com.au)



**Caution:** The switch includes plug-in power supply and fan tray modules that are installed into its chassis. All installed modules must have a matching airflow direction. That is, all modules must have a front-to-back (F2B) airflow direction, or all modules must have a back-to-front (B2F) airflow direction. The airflow direction of PSU and fan tray modules is indicated by labels on the modules.

### 2. Mount the Switch

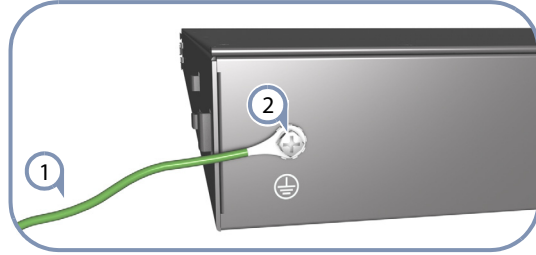


- 1 Attach the brackets to the switch.
- 2 Use the screws supplied with the rack to secure the switch in the rack.



**Caution:** Installing the switch in a rack requires two people. One person should position the switch in the rack, while the other secures it using the rack screws.

### 3. Ground the Switch

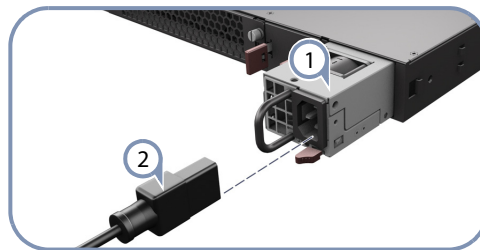


- 1 Ensure the rack on which the switch is to be mounted is properly grounded and in compliance with ETSI ETS 300 253. Verify that there is a good electrical connection to the grounding point on the rack (no paint or isolating surface treatment).
- 2 Attach a grounding wire to the grounding point on the switch rear panel, then to rack ground.



**Caution:** The earth connection must not be removed unless all supply connections have been disconnected.

### 4. Connect Power



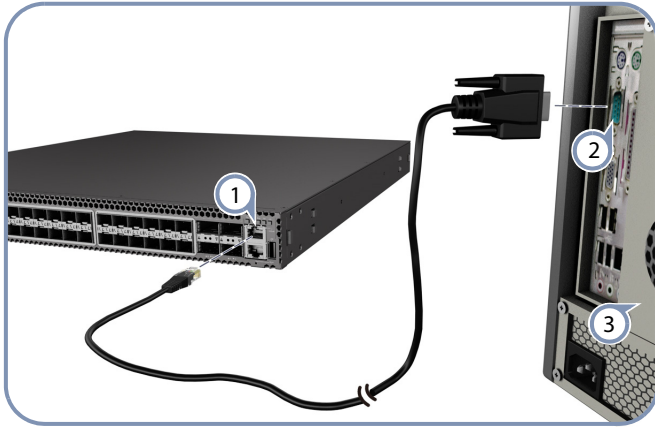
- 1 Install one or two universal AC power modules in the switch. The switch supports up to two PSUs that must have the same matching airflow direction as the installed fan tray.
- 2 Connect an external AC power source to the modules.

### 5. Verify Switch Operation



- 1 Verify basic switch operation by checking the system LEDs. When operating normally, the PSU1/PSU2, Diag, and Fan LEDs should all be on green.

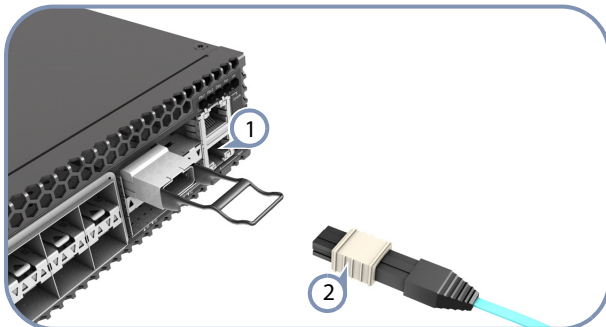
## 6. Perform Initial Configuration



- 1 At this point you may need to make a few basic switch configuration changes before connecting to the network. Connect a PC to the switch console port using the included console cable.
- 2 Configure the PC's serial port: 115200 bps, 8 characters, no parity, one stop bit, 8 data bits, and no flow control.
- 3 Log in to the command-line interface (CLI) using default settings: User "admin" with no password.

**Note:** For information on initial switch configuration, refer to the *Administrator's Guide*.

## 7. Connect Network Cables



- 1 For the RJ-45 Management port, connect 100-ohm Category 5, 5e or better twisted-pair cable.
- 2 Connect DAC cables to the SFP+/QSFP+ slots. Or first install SFP+/QSFP+ transceivers and then connect fiber optic cabling to the transceiver ports.  
The following transceivers are supported:
  - ◆ 40GBASE-CR4
  - ◆ 40GBASE-SR4
  - ◆ 10GBASE-CR
  - ◆ 10GBASE-SR (ET5402-SR)
  - ◆ 1000BASE-SX (ET4201-SX)
  - ◆ 1000BASE-LX (ET4201-LX)

**Note:** As connections are made, check the port status LEDs to be sure the links are valid.

## Hardware Specifications

### Chassis Specifications

Size	W x D x H: 438.4 x 473 x 43.4 mm (17.26 x 18.62 x 1.71 inches)
Weight	8.395 kg (18.51 lb), with two installed power supply modules
Temperature	Operating: 0° C to 40° C (32° F to 104° F) Storage: -40° C to 70° C (-40° F to 158° F)
Humidity	Operating: 5% to 95% (non-condensing)

### Power Supply Specifications

AC Input	100-240 VAC, 50-60 Hz, 6-3 A
DC Output	5 VDC @ 3 A 12 VDC @ 33 A
Power Supply	100-240 VAC, 50-60 Hz, auto-sensing; hot pluggable 400 Watts @ 240V/100V per module
Power Consumption	165 Watts maximum
Maximum Current	6 A @ 100 VAC 3 A @ 240 VAC
Size	W x D x H: 54.5 x 220 x 40.25 mm (2.15 x 8.66 x 1.58 inches)

### Regulatory Compliances

Emissions	EN 55022:2010, Class A EN 61000-3-2:2009, Class A EN 61000-3-3:2008 FCC Class A VCCI Class A CE Mark
Immunity	EN 55024:2010 IEC 61000-4-2/3/4/5/6/8/11
Safety	UL (CSA 22.2 No 60950-1 & UL60950-1) CB (IEC/EN60950-1)