

Quick Start Guide

32-Port 400G Data Center Spine Switch AS9726-32DB

AS9726-32DB



www.edge-core.com

Package Contents



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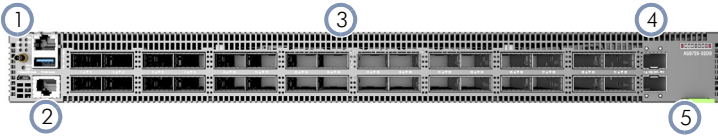


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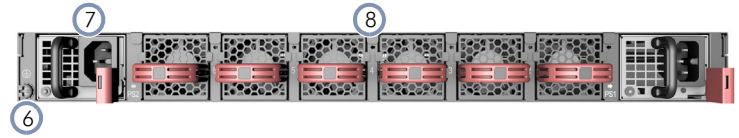
1. 32-Port 400G Data Center Spine Switch AS9726-32DB
2. Rack mounting kit—2 front-post brackets, 2 rear-post brackets and ears, 20 screws, and 2 ear-locking screws
3. Power cord (included with AC PSUs only)

4. Console cable—RJ-45 to DE-9
5. Documentation—*Quick Start Guide* (this document) and *Safety and Regulatory Information*

Overview

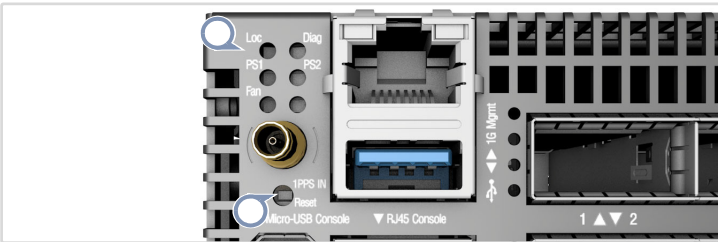


1. System LEDs and 1PPS timing port
2. Management Ports: 1 x 1000BASE-T RJ-45, micro-USB/RJ-45 console, USB
3. 32 x 400G QSFP-DD ports
4. 2 x 10G SFP+ ports



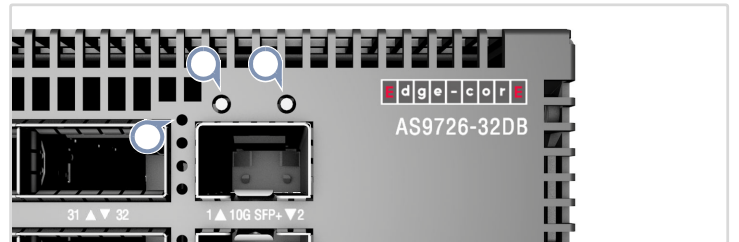
5. Product label
6. 2 x grounding screws (maximum torque 10 kgf-cm (8.7 lb-in))
7. 2 x AC PSUs
8. 6 x fan trays

System LEDs/Buttons



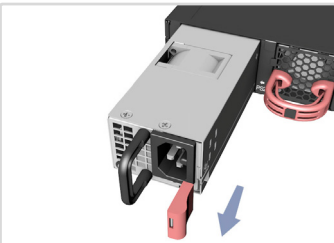
- Loc:** Flashing Amber (switch locator)
- Diag:** Green (OK), Amber (no OS or fault)
- PS1/PS2:** Green (OK), Amber (fault)
- Fan:** Green (OK), Amber (fault)
- Reset Button**

Port LEDs



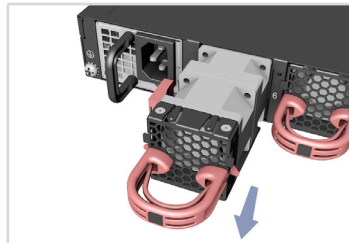
- QSFP-DD LEDs**
 - 400G: 1 LED Blue
 - 200G Breakout: 1 LED White, 1-2 LEDs Green
 - 100G Breakout: 1-4 LEDs Green
 - 50G Breakout: 1 LED Cyan
- SFP+ 10G LEDs**
 - Left: Green (link)
 - Right: Green (10G), Amber (1G)
- RJ-45 Mgmt LEDs**
 - Left: Green (link)
 - Right: Green (activity)

FRU Replacement



PSU Replacement

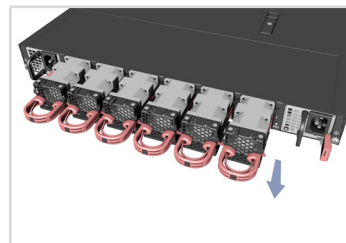
1. Remove the power cord.
2. Press the release latch and remove the PSU.
3. Install replacement PSU with matching airflow direction.



Fan Tray Replacement

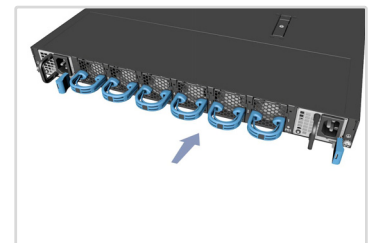
1. Pull the handle release latch.
2. Remove fan tray from the chassis.
3. Install replacement fan with matching airflow direction.

Airflow Reversal



1. F2B Airflow

Remove front-to-back (F2B) airflow fan trays (red handles) and PSUs (red release latches).



2. B2F Airflow

Install back-to-front (B2F) airflow fan trays (blue handles) and PSUs (blue release latches).



* 1 5 0 2 0 0 0 2 4 1 9 A R 0 1 *

Installation



Warning: For a safe and reliable installation, use only the accessories and screws provided with the device. Use of other accessories and screws could result in damage to the unit. Any damages incurred by using unapproved accessories are not covered by the warranty.

Avertissement: Pour une installation sûre et fiable, utilisez uniquement les accessoires et les vis fournies avec l'appareil. L'utilisation d'autres accessoires et vis pourrait endommager l'appareil. Les dommages causés par l'utilisation d'accessoires non approuvés ne sont pas couverts par la garantie.



Caution: The switch includes plug-in power supply (PSU) and fan tray modules that are installed into its chassis. Make sure all installed modules have a matching airflow direction (front-to-back or back-to-front).

Attention: Le commutateur comprend des modules d'alimentation et de modules de ventilation installés dans son châssis. Assurez-vous que tous les modules installés ont une direction d'air adaptée (avant-arrière ou arrière-arrière).



Note: The switch has the Open Network Install Environment (ONIE) software installer preloaded on the switch, but no switch software image. Information about compatible switch software can be found at www.edge-core.com.

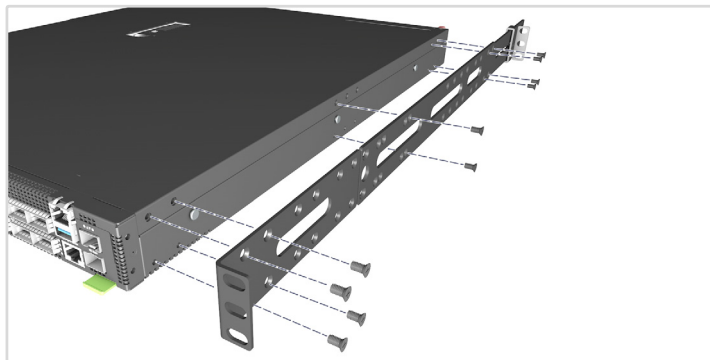
Note: The switch drawings in this document are for illustration only and may not match your particular switch model.

1 Mount the Switch



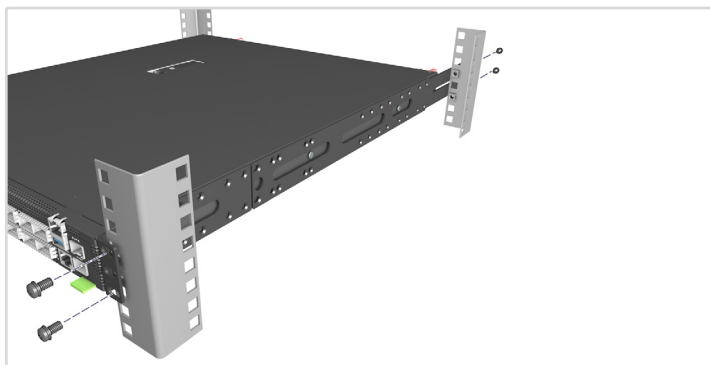
Caution: This device must be installed in a telecommunications room or a server room where only qualified personnel have access.

Attention: Cet appareil doit être installé dans une salle de télécommunications ou une salle de serveurs où seul le personnel qualifié a accès.



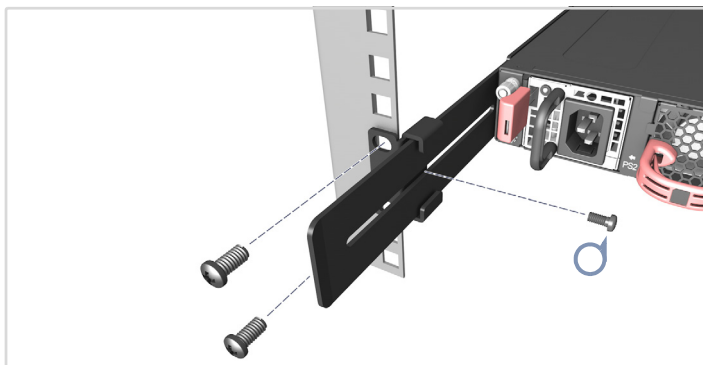
1. Attach the Brackets

Use the included screws to attach the front- and rear-post brackets.



2. Mount the Switch

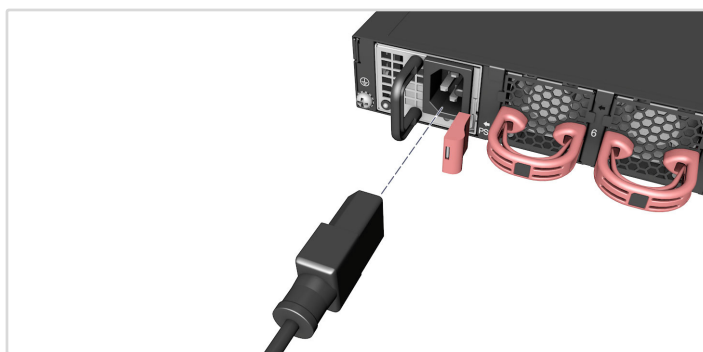
Mount the switch in the rack and secure it with rack screws.



3. Lock the Rear-Post Brackets

Use the included screws to lock the position of the rear-post brackets.

2 Connect Power



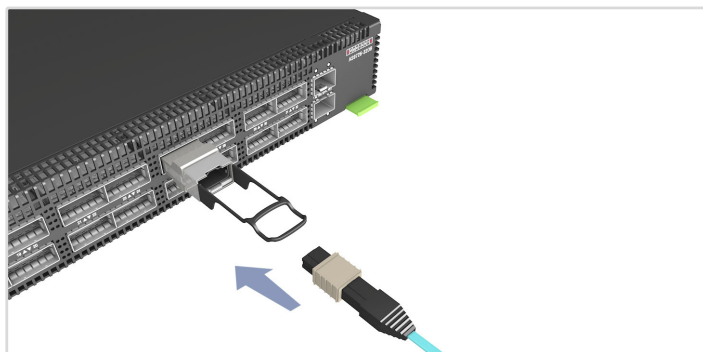
AC Power

Install one or two AC PSUs and connect them to an AC power source.



Note: When using only one AC PSU to power a fully loaded system, be sure to use a high-voltage source (220-240 VAC).

3 Make Network Connections

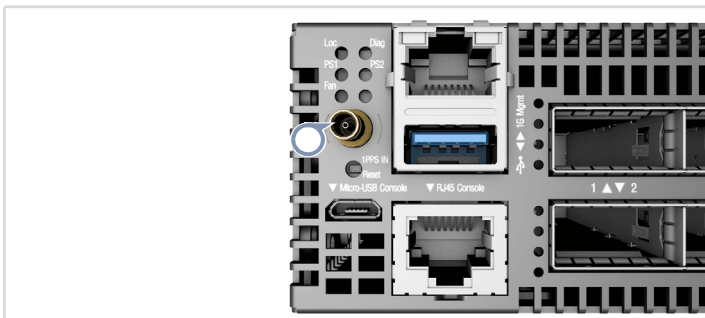


400G QSFP-DD Ports and 10G SFP+ Ports

Install transceivers and then connect fiber optic cabling to the transceiver ports.

Alternatively, connect DAC or AOC cables directly to the slots.

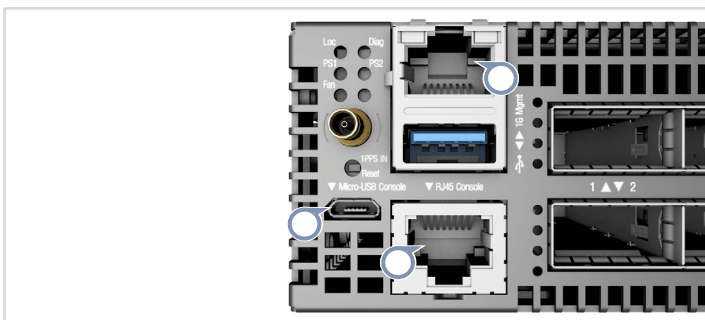
4 Connect Timing Ports



1PPS IN Port

Use a coax cable to connect the 1-pulse-per-second (1PPS) input port to another synchronized device.

5 Make Management Connections



10/100/1000M RJ-45 Management Port

Connect Cat. 5e or better twisted-pair cable.

Micro-USB and RJ-45 Console Ports

Connect the included console cable and then configure the serial connection: 115200 bps, 8 characters, no parity, one stop bit, 8 data bits, and no flow control.

(The Micro-USB console connection takes priority over the RJ-45 console connection.)

Hardware Specifications

Switch Chassis

Size (WxDxH)	438.4 x 590 x 43.5 mm (17.26 x 23.23 x 1.71 in.)
Weight	11.85 kg (26.12 lb), with 2 PSUs and 6 fans installed
Temperature	Operating (F2B): 0° C to 45° C (32° F to 113° F) Operating (B2F): 0° C to 35° C (32° F to 95° F) Storage: -40° C to 70° C (-40° F to 158° F)
Humidity	Operating: 5% to 95% (non-condensing)
Power Consumption	1300 Watts maximum

AC PSU

Input Power Rating	100–127 VAC, 50/60 Hz, 12 A max. 220–240 VAC, 50/60 Hz, 8 A max. 210–310 VDC, 8.5–6 A
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Regulatory Compliances

Emissions	EN 55032:2015+AC:2016, Class A EN 61000-3-2:2014, Class A EN 61000-3-3:2013 FCC Class A
Immunity	EN 55035:2017 EN 55024:2010+A1:2015 IEC 61000-4-2/3/4/5/6/8/11
Safety	UL (CSA 22.2 No 62368-1 & UL62368-1) CB (IEC/EN60950-1 & IEC/EN 62368-1)