

Frequently asked questions

HP 5400R zl2 Switch Series



Q1. What is the HP 5400R zL2 Switch Series?

The HP 5400R zL2 provides enterprise-class resiliency and unprecedented flexibility, scalability, and ease of use for enterprise edge, SMB, and branch office core deployments.

Q2. What does the 'R' in the HP 5400R zL2 Switch Series stand for?

The 'R' stands for resiliency. The HP 5400R zL2 Switch Series attains resiliency by means of dual redundant management modules and redundant power supplies. Redundant management modules offer nonstop switching and hitless failover. Redundant power supplies offer full redundancy as well as N+1 redundancy.

Q3. What is introduced in the HP 5400R zL2 Switch Series?

The following new switches and bundles are introduced:

SKU	Description
J9821A	HP 5406R zL2 Switch
J9822A	HP 5412R zL2 Switch
J9823A	HP 5406R-44G-PoE+/2SFP+ (No PSU) v2 zL2 Switch
J9824A	HP 5406R-44G-PoE+/4SFP (No PSU) v2 zL2 Switch
J9825A	HP 5412R-92G-PoE+/2SFP+ (No PSU) v2 zL2 Switch
J9826A	HP 5412R-92G-PoE+/4SFP (No PSU) v2 zL2 Switch
J9868A	HP 5406R-8XGT/8SFP+ (No PSU) v2 zL2 Switch

The following new accessories are introduced:

SKU	Description
J9827A	HP 5400R zL2 Management Module
J9828A	HP 5400R 700W PoE+ zL2 Power Supply
J9829A	HP 5400R 1100W PoE+ zL2 Power Supply
J9830A	HP 5400R 2750W PoE+ zL2 Power Supply
J9831A	HP 5406R zL2 Switch Fan Tray
J9832A	HP 5412R zL2 Switch Fan Tray
J9852A	HP X450 4U/7U Univ 4-Post Rack Mnt Kit

Q4. What do the HP 5400R switches replace?

The HP 5400R zL2 Switch Series is intended as a line extension of the HP 5400 zL Switch Series and the HP 8200 zL Switch Series.

Q5. Do the HP 5400R zL2 switches have the same dimensions as the HP 5400 zL switches?

Yes. The HP 5400R zL2 switches have the same height, width, and depth as the HP 5400 zL switches.

Q6. What is the PoE budget of the HP 5400R zL2 switches?

The HP 5412R zL2 switches can provide 9250W of PoE. In other words, up to 288 ports can be powered at 30W per port.

Q7. In comparing with the HP 5400 zL Switch Series, I noticed that the external power shelf is no longer offered. What replaces it?

There is no need for an external power shelf in the HP 5400R zL2 Switch Series. The new internal power supplies can attain 100 percent PoE while providing redundancy.

Q8. What type of redundancy modes are available?

Three new power supply units are available with the HP 5400R zL2 Switch Series.

N+1 redundancy is provided when one power supply acts in standby mode and is allowed for both even and odd number of like power supplies.

N+N redundancy, also known as Full Redundancy, is provided when there are an equal number of active and standby power supplies. This is allowed for only even number of like power supplies.

Additionally, PoE redundancy is configurable.

Q9. Can I mix power supplies in my chassis?

Power supply mixing is allowed but discouraged as it voids power redundancy.

Q10. Will v1 modules be supported on the HP 5400R zL2 Switch Series

No, v1 modules will not be supported on the HP 5400R zL2 Switch Series.

Q11. Will v2 modules be supported on the HP 5400R zL2 Switch Series

Yes, v2 modules will be supported on the HP 5400R zL2 Switch Series. This includes the v2 AllianceOne modules and the MSM775 Wireless LAN Controller module.

Q12. Will the Management Module on the HP 5400 zL and HP 8200 zL switches be supported in the HP 5400R zL2 switches?

No, the Management Module on the HP 5400 zL and HP 8200 zL switches will not be supported in the HP 5400R zL2 switches.

Q13. Will the new Management Module on the HP 5400R zL2 switches be supported on the HP 5400 zL and HP 8200 zL switches?

No, a new Management Module is introduced in the HP 5400R zL2 Switch Series that is incompatible with the HP 5400 zL and HP 8200 zL switches.

Q14. Will the power supplies on the HP 5400 zL and HP 8200 zL switches be supported in the HP 5400R zL2 switches?

No, the power supplies and the external power shelf on the HP 5400 zL and HP 8200 zL switches will not be supported in the HP 5400R zL2 switches.

Q15. Will the new power supplies on the HP 5400R zL2 switches be supported on the HP 5400 zL and HP 8200 zL switches?

No, the three new power supplies that are introduced in the HP 5400R zL2 Switch Series are incompatible with the HP 5400 zL and HP 8200 zL switches.

Q16. Which power supplies and modules are included with the HP 5400R zL2 Switch Series bundles?

The HP 5406R-44G-PoE+/2SFP+ (No PSU) v2 zL2 Switch Bundle (J9823A) includes:

- 1 HP 5406R zL2 Switch (J9821A)
- 1 HP 20-port Gig-T PoE+/2-port 10GbE SFP+ v2 zL Module (J9536A)
- 1 HP 24-port Gig-T PoE+ v2 zL Module (J9534A)

The HP 5406R-44G-PoE+/4SFP (No PSU) v2 zL2 Switch Bundle (J9824A) includes:

- 1 HP 5406R zL2 Switch (J9821A)
- 1 HP 20-port Gig-T PoE+/4-port SFP v2 zL Module (J9535A)
- 1 HP 24-port Gig-T PoE+ v2 zL Module (J9534A)

The HP 5412R-92G-PoE+/2SFP+ (No PSU) v2 zL2 Switch Bundle (J9825A) includes:

- 1 HP 5416R zL2 Switch (J9822A)
- 1 HP 20-port Gig-T PoE+/2-port 10GbE SFP+ v2 zL Module (J9536A)
- 3 HP 24-port Gig-T PoE+ v2 zL Module (J9534A)

The HP 5412R-92G-PoE+/4SFP (No PSU) v2 zL2 Switch Bundle (J9826A) includes:

- 1 HP 5412R zL2 Switch (J9822A)
- 1 HP 20-port Gig-T PoE+/4-port SFP v2 zL Module (J9535A)
- 3 HP 24-port Gig-T PoE+ v2 zL Module (J9534A)

The HP 5406R-8XGT/8SFP+ (No PSU) v2 zL2 Switch Bundle (J9868A) includes:

- 1 HP 5406R zL2 Switch (J9821A)
- 1 HP 8-port 10GBASE-T v2 zL Module (J9546A)
- 1 HP 8-port 10GbE SFP+ v2 zL Module (J9538A)

The bundles in the HP 5400R zL2 Switch Series do not include power supplies. Customers may choose from the three new power supplies when ordering to meet their PoE budget needs best.

Q17. Why does my 5406R have a part number J9850A mentioned on the chassis label? It is not listed in the table above.

The HP 5406R zL2 Switch (J9821A) includes the base chassis J9850A, the HP 5400R zL2 Management Module (J9827A), and the HP 5406R zL2 Switch Fan Tray (J9831A).

The bundles J9823A, J9824A, and J9868A each include the base chassis J9850A, the HP 5400R zL2 Management Module (J9827A), and the HP 5406R zL2 Switch Fan Tray (J9831A) in addition to the switch modules mentioned above.

The part number J9850A is not orderable.

Q18. Why does my 5412R have a part number J9851A mentioned on the chassis label? It is not listed in the table above.

The HP 5412R zL2 Switch (J9822A) includes the base chassis J9851A, the HP 5400R zL2 Management Module (J9827A), and the HP 5412R zL2 Switch Fan Tray (J9832A). There is no shipping mistake.

The bundles J9825A and J9826A each include the base chassis J9851A, the HP 5400R zL2 Management Module (J9827A), and the HP 5412R zL2 Switch Fan Tray (J9832A) in addition to the switch modules mentioned above.

The part number J9851A is not orderable.

Q19. Do the 5400R zL2 switches require a software license to run premium features?

The 5400R zL2 switches do not require a license. All features that required a software license in the 5400 zL switches are included in the HP 5400R zL2 switches at no additional cost.

Q20. What is the warranty of the HP 5400R zL2 Switch Series?

The HP 5400R is covered under Lifetime Warranty 2.0 (hardware warranty replacement for as long as you own the product, with next-business-day advance replacement available in most countries and 3-year 24x7 phone support).

Q21. Where can I get software updates for the 5400R?

Software updates are available at hp.com/networking/support.

- Type a product name (e.g. 5400R) or product number in the Auto Search textbox.
- Select an appropriate product from the dropdown list.
- Click the "Display selected" button.
- From the options that appear, select "Software downloads" (on the right-hand side).

Q22. Where can I find more information on the HP 5400R zL2 Switch Series?

Visit hp.com/go/networking

Sign up for updates
hp.com/go/getupdated

