

Product Replacement Description — CloudEngine S5735-S/L-V2



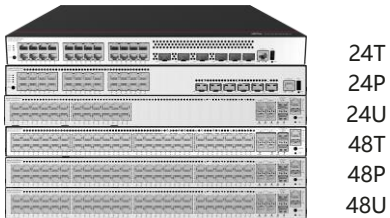
Security Level:



Huawei's Next-Generation CloudEngine S5735-S/L-V2 Switches

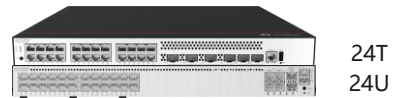
- Product positioning: Huawei's next-generation gigabit switches designed for enterprise networks
- Ideal for deployment at the access layer of large or midsize campus networks to provide gigabit access for terminals, such as WLAN APs, cameras, printers, laptops, and PCs
- Product supply assurance and normal sales according to the normal product lifecycle
- To be available in V6R22C01 (planned TR5: early November 2022; planned GA: late December 2022)
- **6** standard switches, **24** simplified switches, and **5** extended-temperature switches (2 rack-mounted and 3 DIN rail-mounted), fully meeting deployment requirements in different scenarios

S5735-S-V2 standard switches (6 in total)



- Dual pluggable power modules
- 24 or 48 PoE/PoE+/PoE++ ports

S5735I-S-V2 extended-temperature switches (rack-mounted, 2 in total)



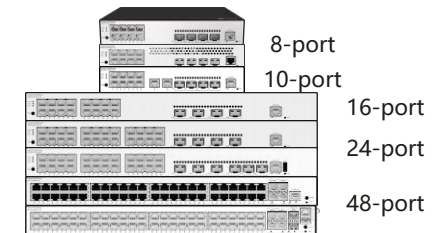
- Dual pluggable power modules
- Rack-mounted, 90 W PoE++ (optional)

S5735I-S-V2 extended-temperature switches (DIN rail-mounted, 3 in total)



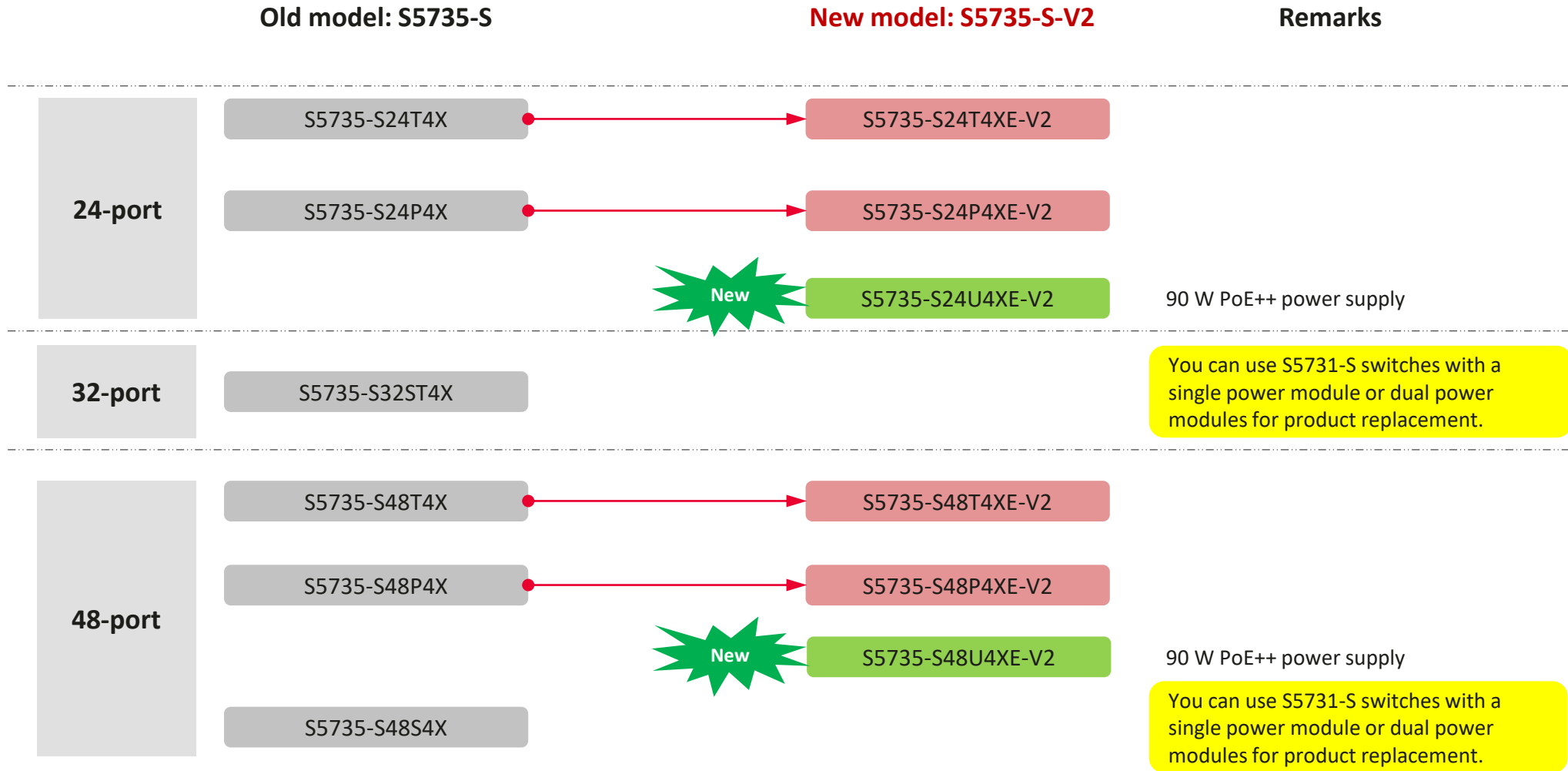
- Built-in single power module, fanless design
- DIN rail-mounted, 90 W PoE++ (optional)

S5735-L-V2 simplified switches (24 in total)

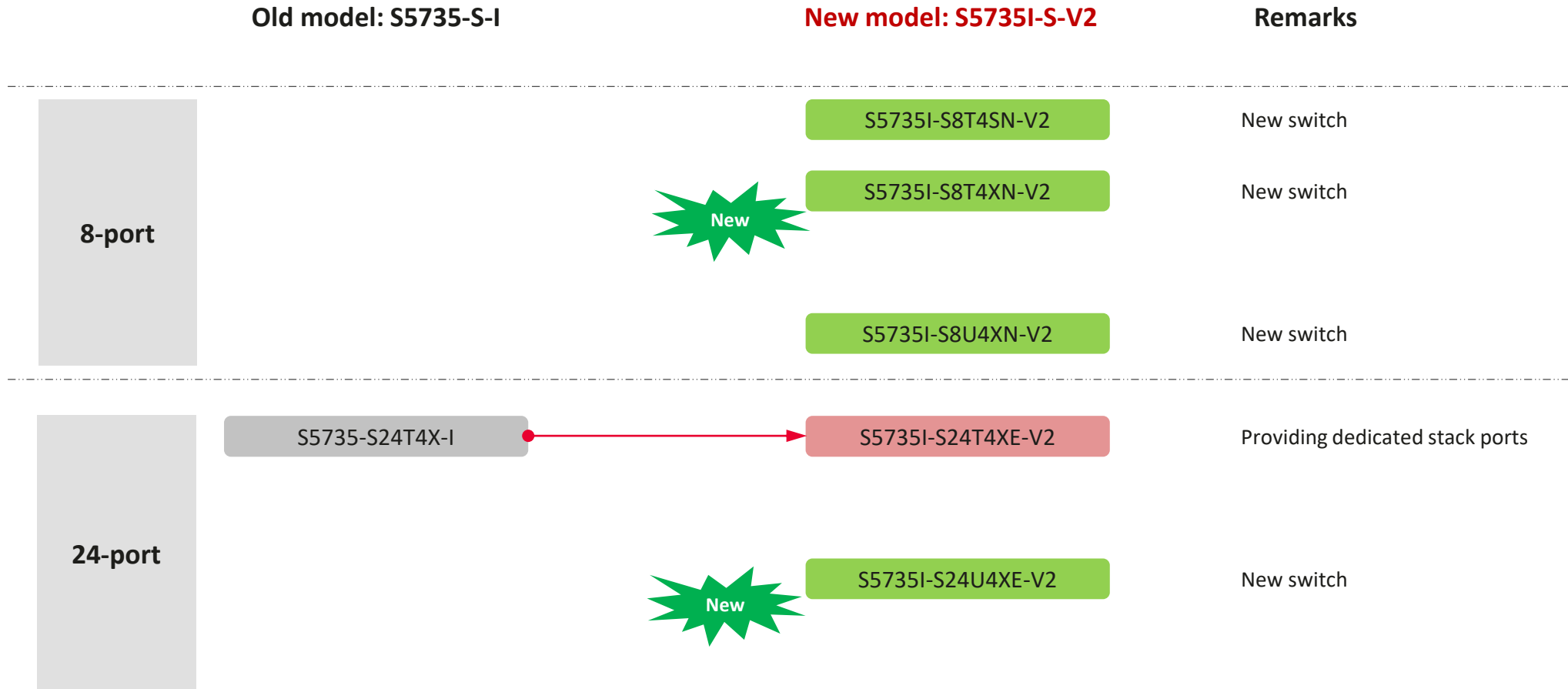


- Single power module, PoE+ (optional)
- Flexible 8-port, 10-port, 16-port, 24-port, or 48-port options

S5735-S-V2 Series Gigabit Switches: A New Choice for Switches with Dual Power Modules



S5735-S-V2 Series Extended-Temperature Switches: On-Demand Selection of Rack-Mounted and DIN Rail-Mounted Models



I: Industrial

N: Din-Rail Mounting supported

S5735-S-V2 Series Products: Similar Basic Software Features but Slightly Different Hardware Specifications

- Overview: The new S5735-S-V2 series offers stronger PoE capabilities and **provides similar software features (except some features) as the old S5735-S series. This new series will provide more high-value features in the future.**

		Old model: S5735-S	New model: S5735-S-V2	Remarks
Hardware specifications	Service port	24/ 32 /48	24/48	S5735-S-V2 models with optical ports to be delivered in R23
	Stack port	No dedicated stack ports, service ports used as stack ports	2 x 12.5G dedicated stack ports	
	Port PoE	30 W PoE+	90 W PoE++	
	Device PoE	1440 W (PoE+ supported on all ports of the 48-port model)	2880 W (60 W PoE++ supported on all ports of the 48-port model)	New model with three power modules, providing stronger PoE power supply capabilities
Software features	Configuration rollback	N	Y	
	Single MAC address and multiple IP addresses	N	Y	"One MAC address, multiple IP addresses" applications
	RESTful	N	Y	Standard ports provided for users to develop web-based O&M tools
	M-LAG	N	Y*	Hardware ready, M-LAG to be supported for device-level redundancy in the future
	Network slicing	N	Y*	Hardware ready, hard pipe slicing based on Flex-channels to be supported in the future
	IPsec	Y	N*	Hardware ready, software development and adaption to be implemented
	sFlow	Y	N*	Hardware ready, software development and adaption to be implemented
	eMDI	Y	N*	iPCA-based adaptation for link quality monitoring
SVF	Y	N	Not supported on YunShan models	

Note: The S5735-S-V2 series **cannot stack with S5735-S series.**

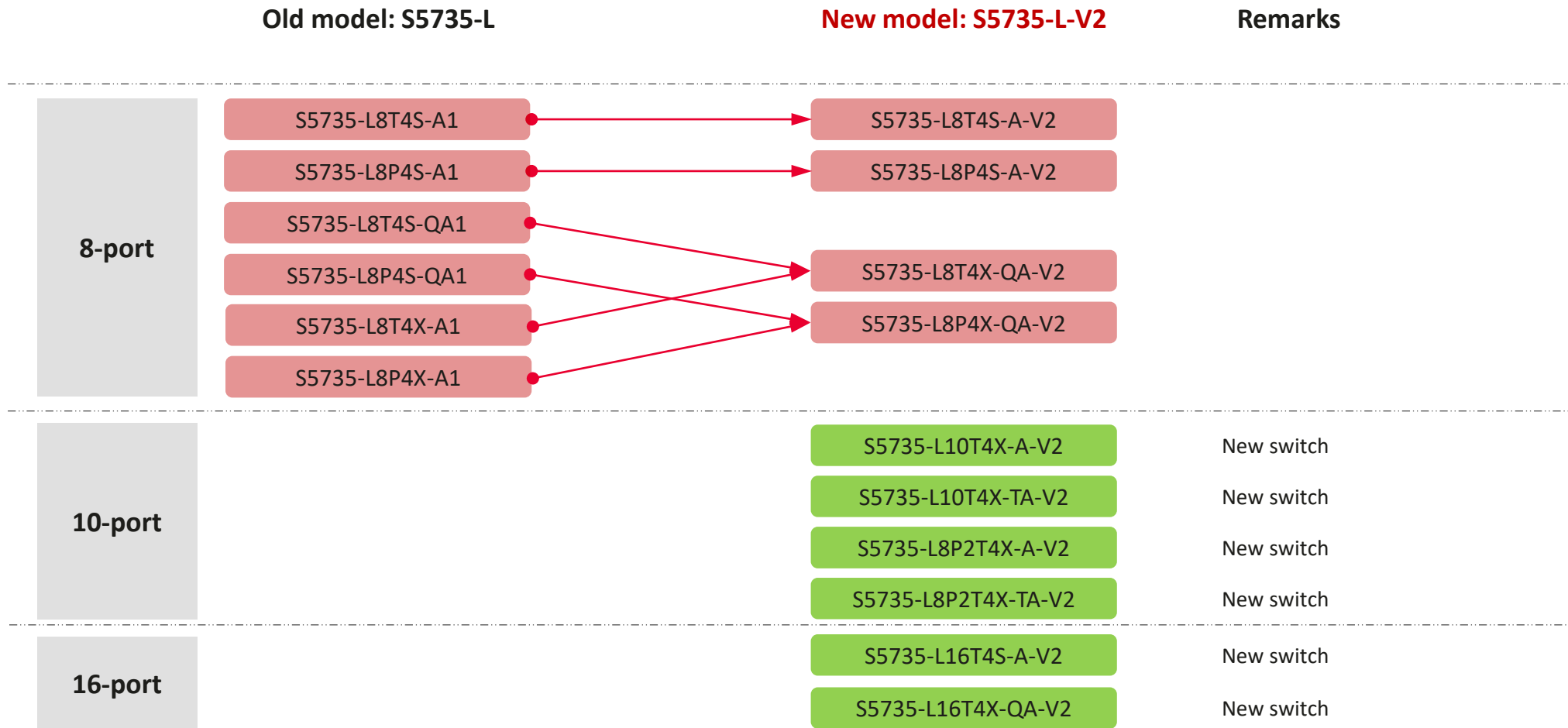
- Details: See *Table of Feature and Specification Comparison of S5735 Series on YunShan and VRP5 Platforms*.

Note: Please contact chenlei00655162 if you have any problem about the table.



Product Mapping list

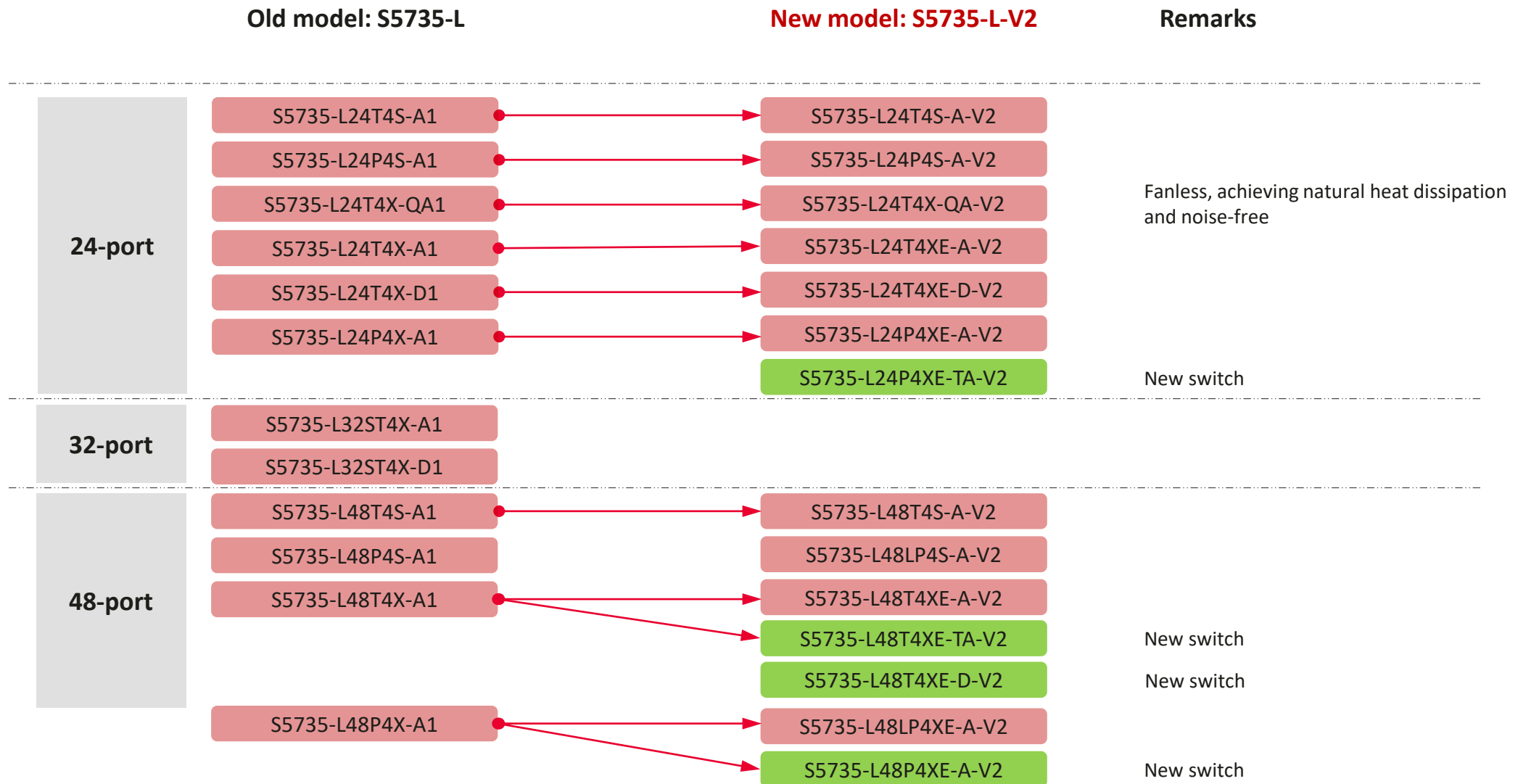
S5735-L-V2 Series: More Choices of Entry-Level Gigabit Switches (1/2)



-T: TMP chipset imbedded

-Q: Fanless

S5735-L-V2 Series: More Choices of Entry-Level Gigabit Switches (2/2)



S5735-L-V2 Series Products: More Models, Basically Unchanged Specifications, and More Functions and Features to Be Offered

- Overview: The new S5735-L-V2 series offers more models and **provides similar software features (except some features) as the old S5735-L series. This new series will support more functions in the future.**

		Old model: S5735-L	New model: S5735-L-V2	Remarks
Hardware	Service port	8/24/ 32 /48	8/ 10 / 16 /24/48	10-port and 16-port models added, models with optical ports to be delivered in R23
	Stack port	No dedicated stack ports, service ports used as stack ports	2 x 12.5G dedicated stack ports (optional)	There are nine S5735-L-V2 series models that provide dedicated stack ports.
	CPU/Memory	1 x 1.0 GHz, 512 MB	2 x 1.1 GHz, 2 GB	
	Dying gasp	Supported by only switch models with 10GE uplinks	Supported by all switch models*	Not supported by S5735-L48P4X-A-V2
Software	Configuration rollback	N	Y	
	Single MAC address and multiple IP addresses	N	Y	"One MAC address, multiple IP addresses" applications
	RESTful	N	Y	Standard ports provided for users to develop web-based O&M tools
	BFD	N	Y	
	Network slicing	N	Y*	Hardware ready, hard pipe slicing based on Flex-channels to be supported in the future
	IPsec	Y	N*	Hardware ready, software development and adaption to be implemented
	sFlow	Y	N*	Hardware ready, software development and adaption to be implemented
	eMDI	Y	N*	iPCA-based adaptation for link quality monitoring
	SVF	Y	N	Not supported on YunShan models

Note: The S5735-L-V2 series **cannot stack with S5735-L series.**

- Details: See *Table of Feature and Specification Comparison of S5735 Series on YunShan and VRP5 Platforms*.

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Product Mapping list

Thank you.

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