



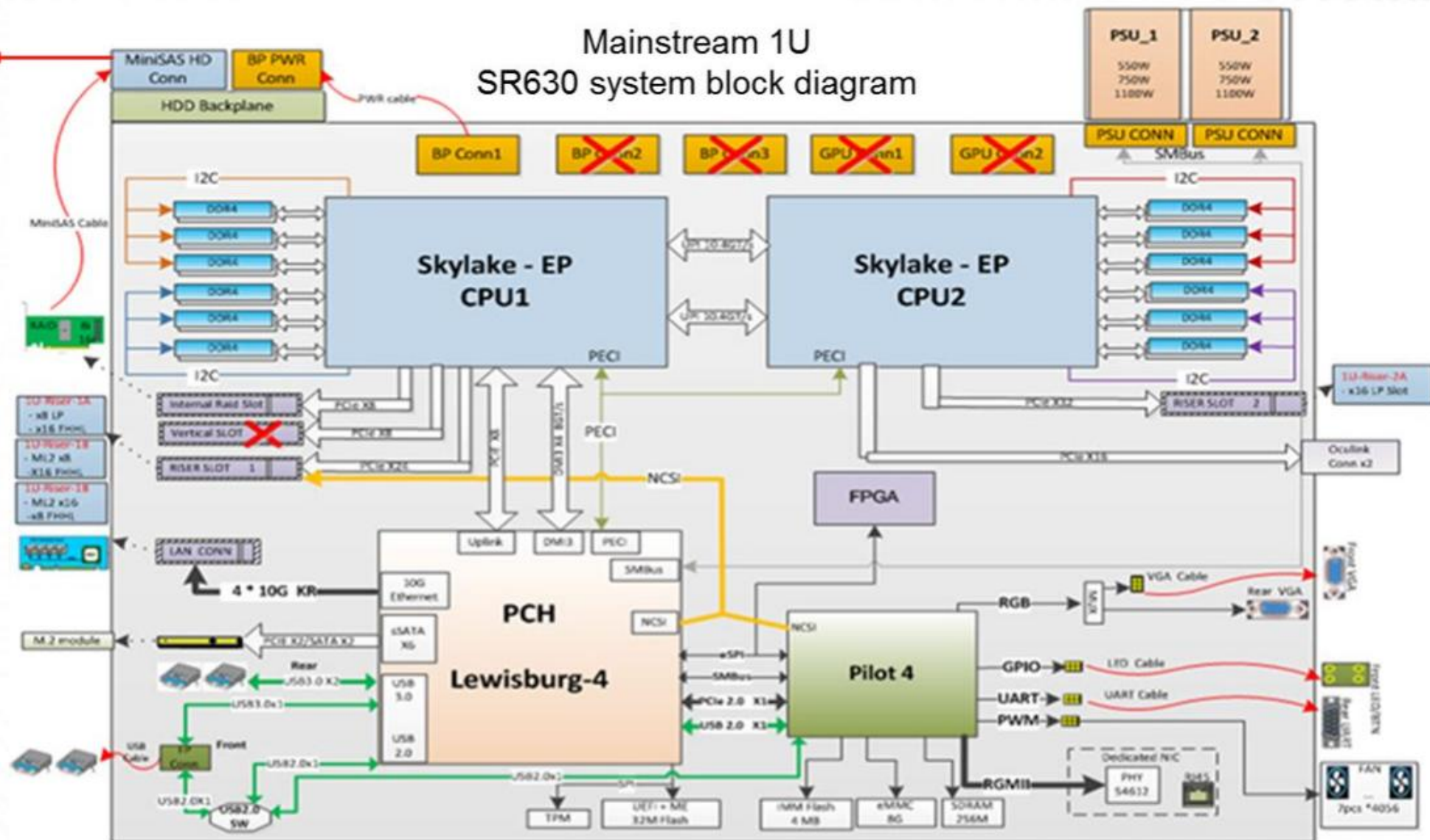
➞ System configurations and diagrams

Block diagrams, RAID configurations, configuration summary, and riser cards



Lenovo ThinkSystem SR630 system block diagrams

- Four 3.5-inch SAS/SATA front access
- Eight 2.5-inch SAS/SATA front access
- Ten 2.5-inch SAS/SATA front access



Lenovo ThinkSystem SR630 system configuration

AnyBay = U.2 or SATA or SAS

Four 3.5-inch SATA/SAS drives



Eight 2.5-inch SATA/SAS drives



SATA/SAS + AnyBay

Ten 2.5-inch SATA/SAS dense



SATA/SAS + Rear HDD

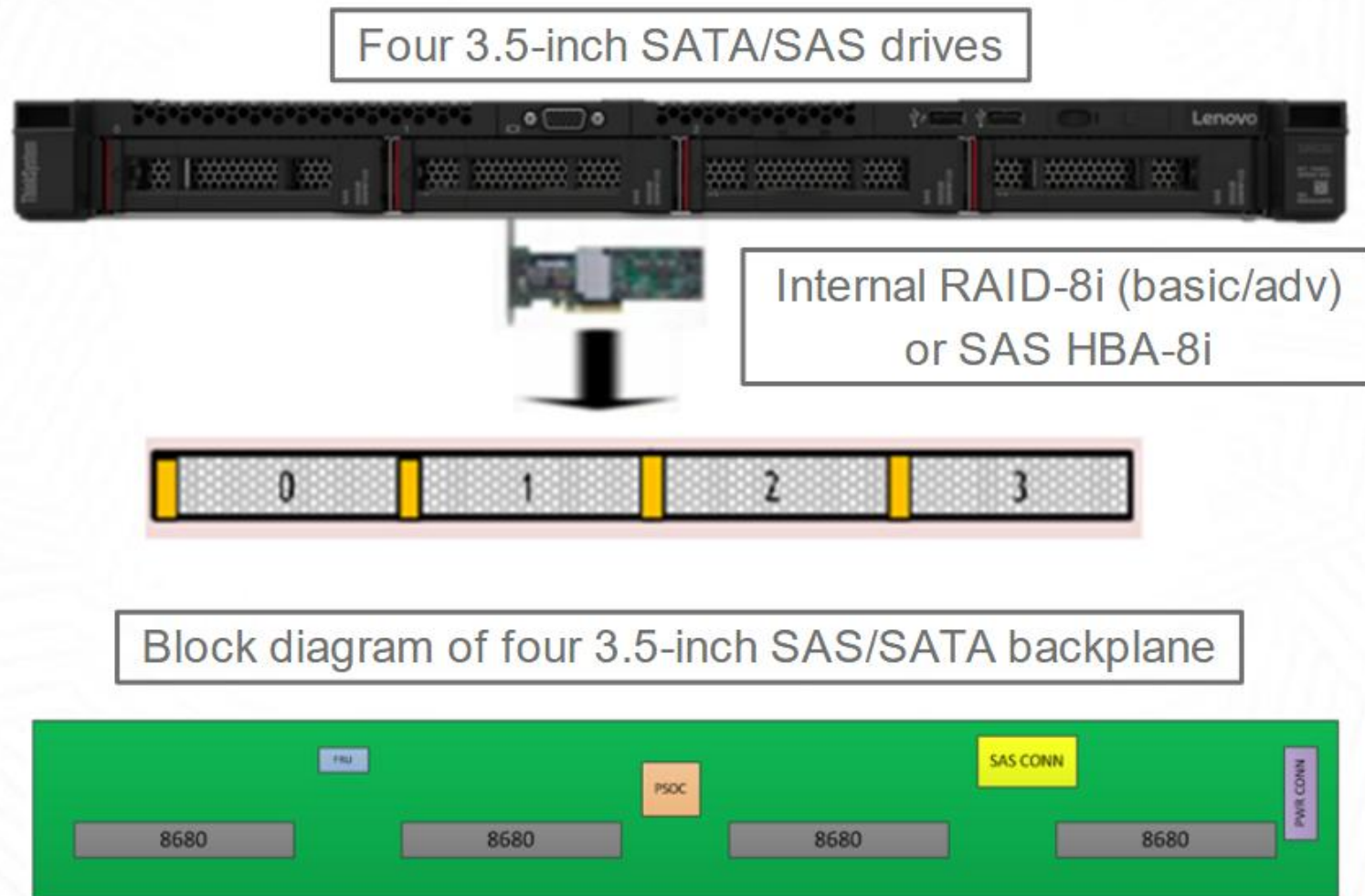


No hard-disk drive or backplane
M.2 boot drive only



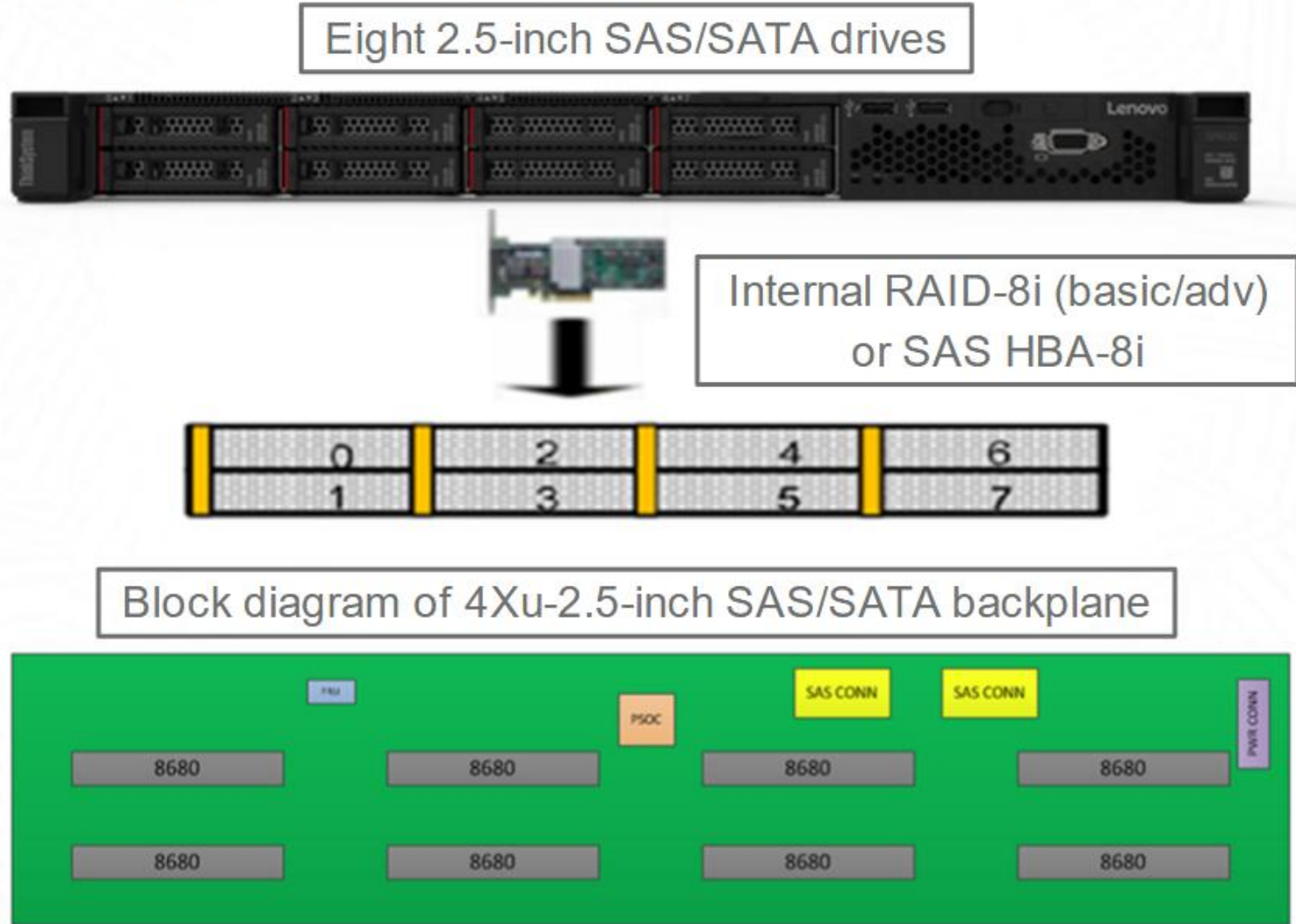
Four 3.5-inch SAS/SATA drives, backplane and RAID configuration

Graphics show HDD, backplane and RAID configuration.



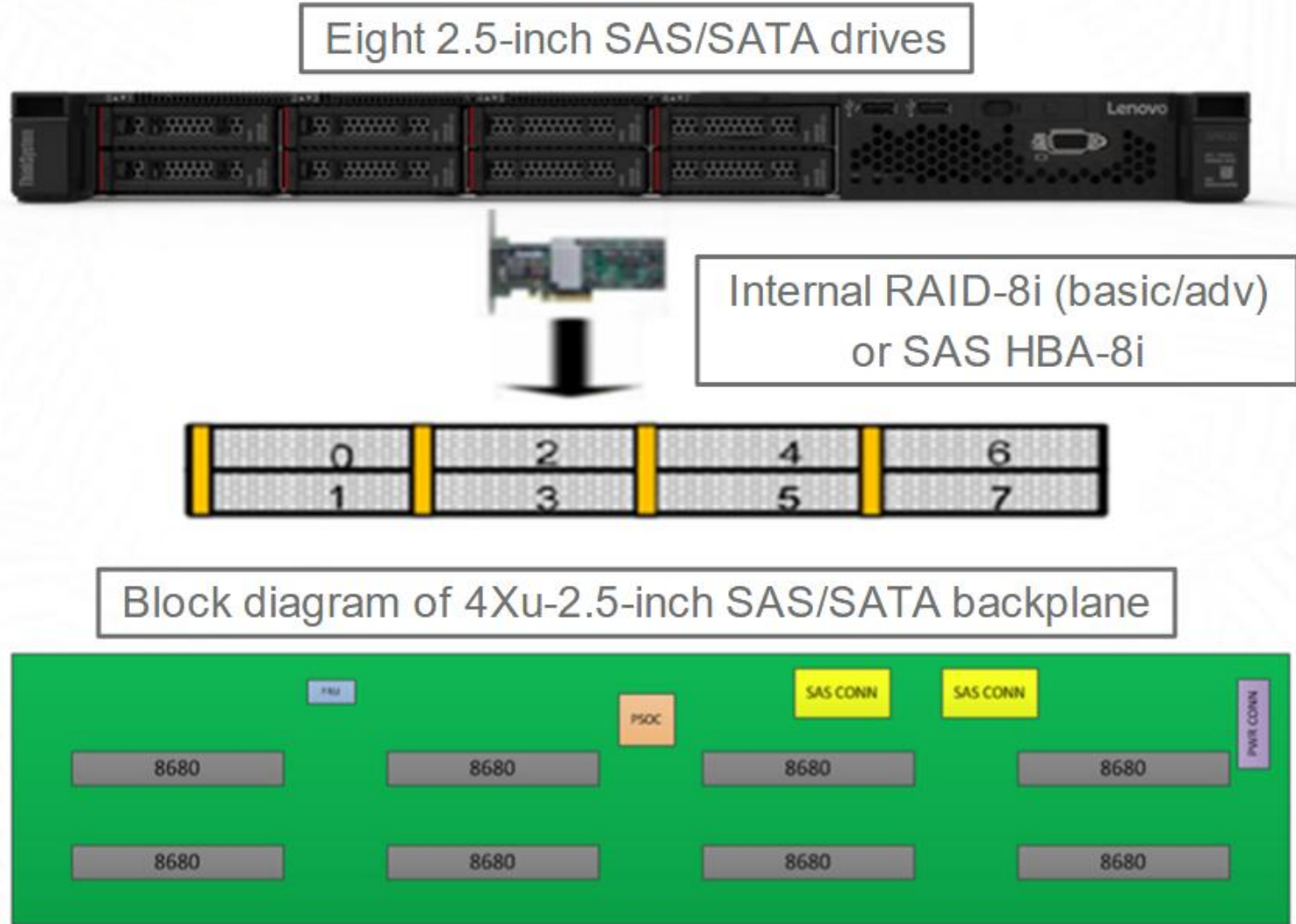
Eight 2.5-inch SAS/SATA drives, backplane and RAID configuration

Graphics show HDD, backplane and RAID configuration.



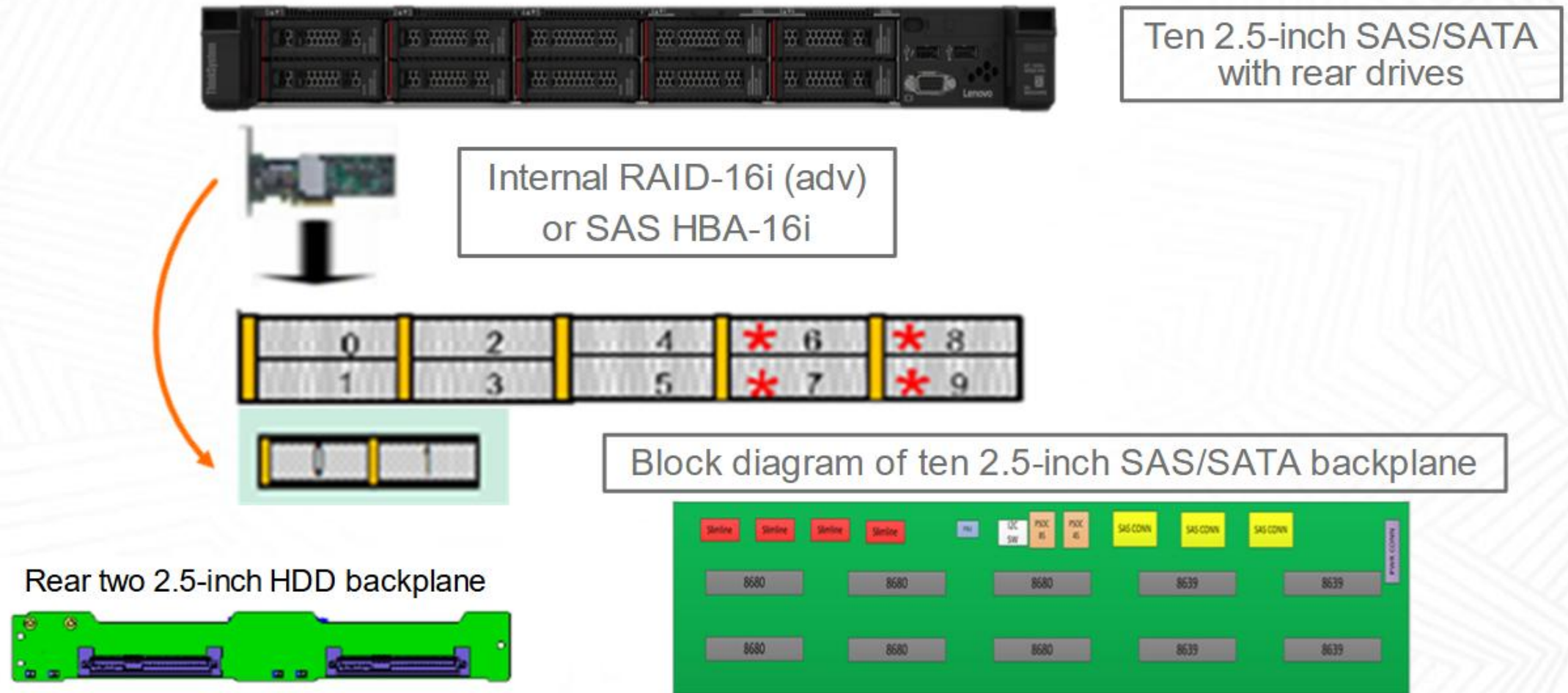
Eight 2.5-inch SAS/SATA drives, backplane and RAID configuration

Graphics show HDD, backplane and RAID configuration.



Ten 2.5-inch SAS/SATA with rear drives, backplane and RAID configuration

Graphics show HDD, backplane and RAID configuration.

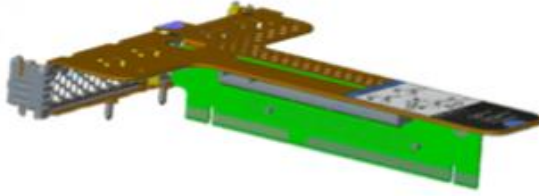


ThinkSystem SR630 configuration summary

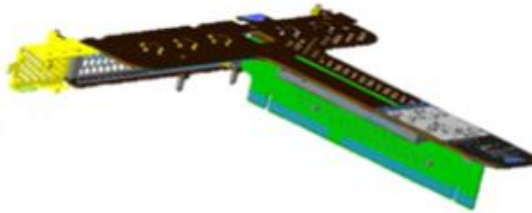
Chassis	HDD configuration	Backplane	HDD Type						M.2 Boot Module		RAID				SS HBA (no RAID)	
			3.5-inch SAS/SATA	Two 2.5-inch Rear HDD	2.5-inch SAS/SATA/SSD	2.5-inch NVME/SSD	M.2 SSD	Slime Drive	Single Slot	Dual Slot w/ HW RAID	NVMe SW RAID	8i Basic Std. (9440-8i)	8i Adv Std. (9460-8i)	16i Adv Std. (9460-16i)	8i (9400-8i)	16i (9400-16i)
Four 3.5 LFF	Four 3.5-inch SAS/SATA (HS)	4x1 3.5-inch	x				x		x	x		x	x		x	
Eight 2.5 SFF	Two M.2 only	No backplane option					x		x	x						
	Eight 2.5-inch SAS/SATA (HS)	4x2 2.5-inch			x		x		x	x		x	x		x	
Ten 2.5 SFF	Six 2.5-inch SAS/SATA+ four 2.5-inch SAS/SATA/ NVME (HS)	5x2 2.5-inch			x	x	x		x	x				x		x
	Six 2.5-inch SAS/SATA + four 2.5-inch SAS/SATA /NVME (HS) + two 2.5-inch SAS/SATA Rear (HS)	5x2 2.5-inch +2x1 2.5-inch		x	x		x		x	x				x		x

Lenovo ThinkSystem SR630 rear drive riser card and slot location

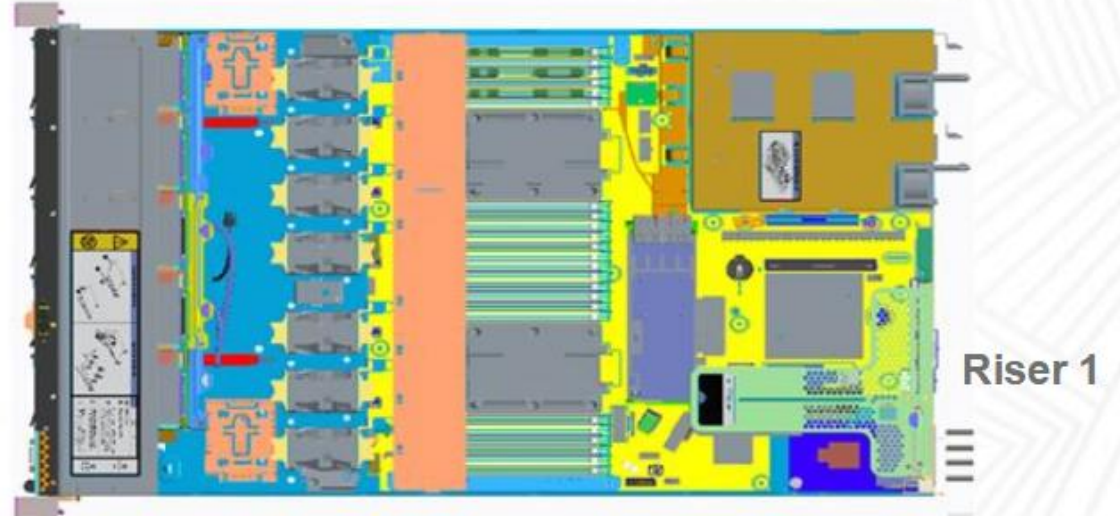
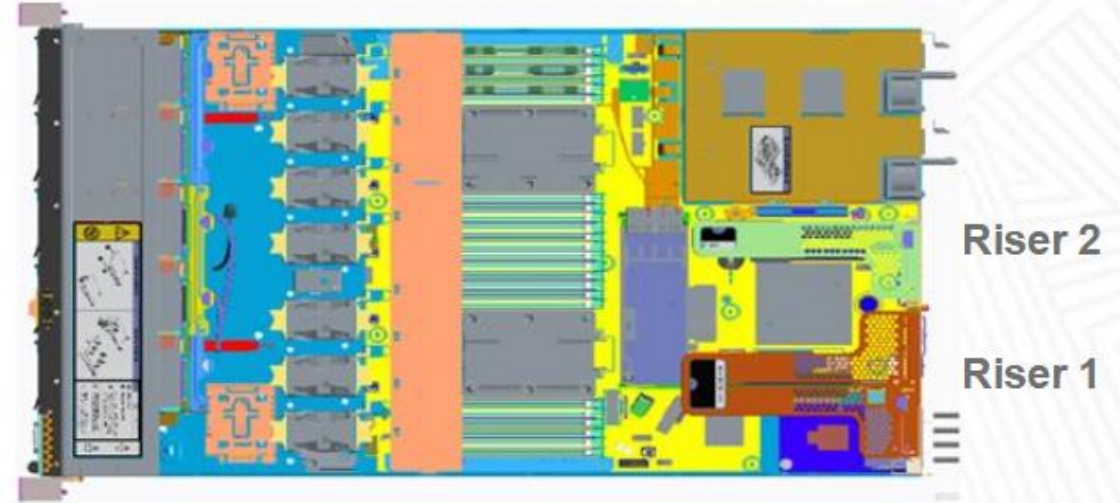
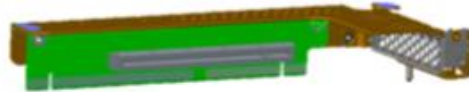
Riser 1: Two low-profile



Riser 1: One low-profile
+ One full height



Riser 2: One low-profile



[Click here for more riser card information](#)

1U Rack, mainstream				
Riser 1 (CPU 1)	Riser1-A - PCIe x8 Slot 1 (CPU1) - PCIe x16 Slot 2 (CPU1)	7XH7A02682	ThinkSystem SR630 x8/x16 PCIe LP+LP riser 1 kit	x16/x8 PCIe riser 1 kit
		7Z17A02616	ThinkSystem SR630 x8/x16 PCIe LP+FH riser 1 kit	x16/x8 PCIe LP+FH riser 1 kit
	Riser1-B - PCIe x16 Slot 2(CPU1) - ML2 x8 Slot 1(CPU1)	7XH7A02683	ThinkSystem SR630 x8ML2/x16 PCIe LP+LP riser 1 kit	x8 ML2/x16 PCIe riser 1 kit
		7X77A03510	ThinkSystem SR630 x8ML2/x16 PCIe LP+FH riser 1 kit	x8 ML2/x16 PCIe LP+FH
	Riser1-C - ML2 x16 Slot 1 (CPU1) - PCIe x8 Slot 2 (CPU1)	7XH7A02684	ThinkSystem SR630 x16ML2/x8 PCIe LP+LP riser 1 kit	x16 ML2/x8 PCIe riser 1 kit
		7Z17A02652	ThinkSystem SR630 x16ML2/x8 PCIe LP+FH riser 1 kit	x16 ML2/x8 PCIe LP+FH
Riser 2 (CPU 2)	Riser2-A - PCIe x16 Slot 3 (CPU2)	7XH7A02685	ThinkSystem SR630 x16 PCIe LP riser 2 kit	x16 PCIe riser 2 kit
Rear drive kit	Rear drive kit	7XB7A02778	ThinkSystem SR630 rear HDD kit	ThinkSystem SR630 rear HDD kit

Riser-1A



Riser-1B



Riser-1C



Riser-2A



Summary

This course enabled you to:

- Describe the Lenovo ThinkSystem SR630 MT 7X01 and MT 7X02 server and components.
- List the Lenovo ThinkSystem SR630 MT 7X01 and MT 7X02 server specifications.
- Describe the Lenovo ThinkSystem SR630 MT 7X01 and MT 7X02 server configurations and diagrams.