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The Perfect

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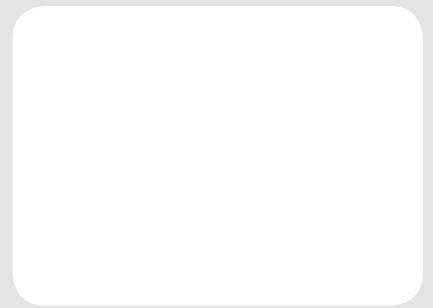
Ready to Dep

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with vSAN. A Rea
and I/O Controller
configuration pro

Hybrid Ready Node

- HY-8 Series: Up to 8 server nodes
- HY-6 Series: Up to 6 server nodes
- HY-4 Series: Up to 4 server nodes
- HY-2 Series: Up to 2 server nodes

VMware Certified
Supermicro and VMWare





Supermicro All-Flash vSAN Solutions



CONFIGURATIONS	AF-8	AF-6	AF-6	AF-6
Model	SYS-2029U-E1CRT	SYS-1029U-TRT	SYS-2029BT-HNCOR	SYS-2029BT-HNR
Number of Nodes	1 node in 2U	1 node in 1U	4 nodes in 2U	4 nodes in 2U
Raw Capacity per Node	32TB (20x 1.6TB)	9.6TB (6x 1.2TB)	8TB (5x 1.6TB)	8TB (4x 2TB)
Caching Tier per Node	1.6TB (4x 400GB SSD)	800GB (2x 400GB SSD)	480GB (1x 480GB SSD)	375GB (1x 375GB NVMe SSD)
CPU per Node	48 cores (2x Intel® Xeon® Scalable 8160)	36 cores (2x Intel® Xeon® Scalable 6150)	36 cores (2x Intel® Xeon® Scalable 6150)	36 cores (2x Intel® Xeon® Scalable 6150)
Memory Per Node	384GB	128GB	256GB	256GB
vSAN NIC Per Node	2x 10GbE	2x 10GbE	2x 10GbE	2x 10GbE or 25GbE

Supermicro Hybrid vSAN Solutions

CONFIGURATIONS	HY-8	HY-6	HY-4	HY-2
Model	SYS-2028U-VSN011L*	SYS-2028TP-VSN011M*	SYS-1028U-VSN011E*	SYS-1018R-VSN001S*
Number of Nodes	1 node in 2U	4 nodes in 2U	1 node in 2U	1 node in 2U
Raw Capacity per Node	14.4TB (12x 1.2TB)	6TB (5x 1.2TB)	4TB (4x 1TB)	5TB (5x 1TB)
Caching Tier per Node	1.6TB (2x 800GB SSD)	800GB (1x 800GB SSD)	200GB (1x 200GB SSD)	200GB (1x 200GB SSD)
CPU per Node	28 Cores (2x Intel® Xeon® E5-2680 v4)	24 Cores (2x Intel® Xeon® E5-2650 v4)	24 Cores (2x Intel® Xeon® E5-2650 v4)	8 Cores (1x Intel® Xeon® E5-2620 v4)
Memory Per Node	384GB	256GB	128GB	64GB
vSAN NIC	2x 10 GbE	2x 10 GbE	2x 10 GbE	4x GbE

*All SKUs include VMware vSphere 6 Standard, All-Flash SKUs include vSAN Advanced, Hybrid SKUs include vSAN Standard. All SKUs include vSphere & vSAN Support and Subscription for 3 years. Supermicro Global Services 3 Years 4-hour on-site hardware service (OS4HR3) also included. 10 GbE vSAN NICs are 10GBase-T but options for 10G SFP+ also available.

Other vSAN Service and Components from Supermicro

SSE-X3348S(R)

SYS-5018R-WR

	MODEL / PART NUMBER	DESCRIPTION
Network Switch	SSE-X3348S(R) SFP+ SSE-X3348T(R) RJ45 SSE-X24SR	10GbE for inter-node switch fabric GbE for IPMI network
Management Servers	SYS-5018R-WR	Supermicro Server for all inclusive HW Management
Management Software	SFT-VM-VCS6STDC	VMware vCenter Server 6.0 is required to manage vSAN environment
	SFT-DCMS-Single	Supermicro Data Center Management Software

Supermicro Out-of-Band Server Management

Our solutions are designed for easy automation with existing management infrastructure. In data centers, Supermicro Server Management Utilities provides you all the necessary functions to manage your servers. For more information about Supermicro Out-of-Band Server Management:

http://www.supermicro.com/products/nfo/SMS_SUM.cfm