

VMware Virtual SAN Ready Nodes

The purpose of this document is to provide VMware® Virtual SAN™ Ready Node configurations from OEM vendors.

Virtual SAN Ready Node is a hyper-converged node sold by server OEMs, which in many cases, has been pre-configured to run the Virtual SAN + vSphere stack in a tested, certified hardware form factor. The Virtual SAN Ready Nodes include unique and optimized hardware from the OEM, and may also include software from the OEM to complement Virtual SAN + vSphere. Virtual SAN Ready Nodes are ideal as hyper-converged building blocks for larger datacenter environments with strong automation and a need to customize hardware and software configurations.

Virtual SAN Ready Nodes are also prescriptive in that they provide the size, type and quantity of CPU, Memory, Network, I/O Controller, HDD and SSD combined with a certified server that is best suited to run a specific Virtual SAN workload.

The Virtual SAN Ready Nodes listed in this document are classified into Low, Medium and High profiles for Server workloads and Full Clone and Linked Clone profiles for VDI workloads. The solution profiles are defined based on different levels of workload requirements for performance and capacity and each solution profile provides a different price/performance focus.

For sample Virtual SAN Ready Node configurations and directional guidelines for the hardware choices of a Virtual SAN solution, along with the infrastructure sizing assumptions and design considerations made to create the sample configurations, please refer to the [Virtual SAN Hardware Quick Reference Guide](#).

In order to choose the right Virtual SAN Ready Node for your environment, follow this two-step process:

1. Refer to the [Virtual SAN Hardware Quick Reference Guide](#) for guidance on how to identify the right solution profile category for your workload profile and the category of Ready Node that meets your needs
2. Choose Ready Nodes from your vendor of choice listed in this document that correspond to the solution profile category that you identified for your workload

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DELL

Note: The **DellStar IDs** for the Dell Virtual SAN Ready Nodes are coming soon. Please work with your Dell Sales representative to quote/order the Dell Virtual SAN Ready Nodes

Low Up to 6TB raw capacity, 15 Virtual Machines		
Components	Details	QTY
SYSTEM	PowerEdge R620, Intel Xeon E-26XX v2 Processors	1
CPU	Intel Xeon E5-2630v2 2.6GHz,15M Cache, 7.2GT/s QPI, Turbo, HT, 6C, 80W, Max Mem 1600MHz	1
MEM	8GB RDIMM, 1600MT/s, Low Volt, Single Rank, x4 Data Width	8
SSD	200GB Solid State Drive SAS Value SLC 6Gbps 2.5in Hot-plugDrive	2
HDD	1TB 7.2K RPM Near-Line SAS 6Gbps 2.5in Hot-plug Hard Drive	6
Controller	PERC H710 Integrated RAID Controller, 512MB NV Cache	1
NIC	Broadcom 5720 QP 1Gb NetworkDaughter Card	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

Medium Up to 9TB raw capacity, 30 Virtual Machines		
Components	Details	QTY
SYSTEM	PowerEdge R720xd, Intel XeonE-26XX Processors	1
CPU	Intel Xeon E5-2660v2 2.2GHz,25M Cache, 8.0GT/s QPI, Turbo, HT, 10C, 95W, Max Mem 1866MHz	2
MEM	32GB LRDIMM, 1866MT/s, Standard Volt, Quad Rank, x4 Data Width	8
SSD	200GB Solid State Drive SAS Write Intensive SLC 6Gbps 2.5in Hot-plug Drive	2
HDD	1TB 7.2K RPM Near-Line SAS 6Gbps 2.5in Hot-plug Hard Drive	9
Controller	PERC H710P Integrated RAID Controller, 1GB NV Cache	1
NIC	Intel X520 DP 10Gb DA/SFP+, + I350 DP 1Gb Ethernet, Network Daughter Card	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

High Up to 14.4TB raw capacity, 60 Virtual Machines		
Components	Details	QTY
SYSTEM	PowerEdge R820, Intel Xeon E5-46XX v2 Processors	1
CPU	Intel Xeon E5-4650 v2 2.4GHz, 25M Cache, 8.0GT/s QPI, Turbo, 10C, 95W, Max Mem 1866MHz	2
MEM	16GB RDIMM, 1866MT/s, Standard Volt, Dual Rank, x4 Data Width	24
SSD	700GB P420M MLC PCIe Solid State Storage Card-Assumes System Warranty up to 5 Years; Not Extendable Past 5 years	2
HDD	1.2TB 10K RPM SAS 6Gbps 2.5in Hot-plug Hard Drive	12
Controller	PERC H710P Integrated RAID Controller, 1GB NV Cache	1
NIC	Intel X520 DP 10Gb DA/SFP+, + I350 DP 1Gb Ethernet, Network Daughter Card	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

FUJITSU

Note: Please work with your Fujitsu sales representative to quote and order Virtual SAN Ready Nodes listed on Fujitsu's System Architect using the **System Architect Reference ID**

Low Up to 5TB raw capacity, 15 Virtual Machines		
Components	Details	QTY
SYSTEM ARCHITECT REFERENCE	Low VSAN Ready Node RX2520 M1	
SYSTEM	PY RX2520 M1 8x 3,5'	1
CPU	Intel Xeon E5-2430v2 6C/12T 2.5GHz 15MB	1
MEM	16GB (1x16GB) 2Rx4 L DDR3-1600 R ECC	4
SSD	SSD SATA 6G 200GB Main 3.5" H-P EP	1
HDD	HD SAS 6G 1TB 7.2K HOT PL 3.5" BC	5
Controller	RAID Ctrl SAS 6G 1GB (D3116C)	1
NIC	PLAN CP 2x1Gbit Cu Intel I350-T2 LP	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

Medium Up to 8.1TB raw capacity, 30 Virtual Machines		
Components	Details	QTY
SYSTEM ARCHITECT REFERENCE	Medium VSAN Ready Node RX300 S8	
SYSTEM	PY RX300S8 2,5" erweiterbar	1
CPU	Intel Xeon E5-2650v2 8C/16T 2.60GHz 20MB	2
MEM	16GB (1x16GB) 2Rx4 L DDR3-1600 R ECC	16
SSD	SSD SATA 6G 200GB Main 2.5" H-P EP	2
HDD	HD SAS 6G 900GB 10K HOT PL 2.5" EP	9
Controller	RAID Ctrl SAS 6G 1GB (D3116C)	1
NIC	Upgrade-Kit auf 2xGb und 2x10Gb on-board	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

FUJITSU

Note: Please work with your Fujitsu sales representative to quote and order Virtual SAN Ready Nodes listed on Fujitsu's System Architect using the **System Architect Reference ID**

FUJITSU		
High Up to 12.6TB raw capacity, 60 Virtual Machines		
Components	Details	QTY
SYSTEM ARCHITECT REFERENCE	High VSAN Ready Node RX300 S8	
SYSTEM	PY RX300S8 2,5" erweiterbar	1
CPU	Intel Xeon E5-2660v2 10C/20T 2.2GHz 25MB	2
MEM	16GB (1x16GB) 2Rx4 DDR3-1866 R ECC	24
SSD	SSD SATA 6G 400GB Main 2.5" H-P EP	2
HDD	HD SAS 6G 900GB 10K HOT PL 2.5" EP	14
Controller	RAID Ctrl SAS 6G 1GB (D3116C)	1
NIC	Upgrade-Kit auf 2xGb und 2x10Gb on-board	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

VDI - Linked Clones Up to 1.2TB raw capacity, 100 Virtual Machines		
Components	Details	QTY
SYSTEM ARCHITECT REFERENCE	VDI Linked Clones RX300 S8 M1	
SYSTEM	PY RX300S8 8x2,5	1
CPU	Intel Xeon E5-2660v2 10C/20T 2.2GHz 25MB	2
MEM	16GB (1x16GB) 2Rx4 DDR3-1866 R ECC	16
SSD	SSD SATA 6G 400GB Main 2.5" H-P EP	1
HDD	HD SAS 6G 300GB 15K HOT PL 2.5" EP	4
Controller	RAID Ctrl SAS 6G 1GB (D3116C)	1
NIC	Upgrade-Kit auf 2xGb und 2x10Gb on-board	1
Virtual Machine Profile: 2 vCPU, 1.5 GB Memory, 20 GB virtual disks		

FUJITSU

Note: Please work with your Fujitsu sales representative to quote and order Virtual SAN Ready Nodes listed on Fujitsu's System Architect using the **System Architect Reference ID**

FUJITSU		
VDI - Full Clones Up to 10.8TB raw capacity, 100 Virtual Machines		
Components	Details	QTY
SYSTEM ARCHITECT REFERENCE	VDI Full Clones RX300 S8 M1	
SYSTEM	PY RX300S8 8x2,5	1
CPU	Intel Xeon E5-2660v2 10C/20T 2.2GHz 25MB	2
MEM	16GB (1x16GB) 2Rx4 DDR3-1866 R ECC	16
SSD	SSD SATA 6G 400GB Main 2.5" H-P EP	2
HDD	HD SAS 6G 900GB 10K HOT PL 2.5" EP	12
Controller	RAID Ctrl SAS 6G 1GB (D3116C)	1
NIC	Upgrade-Kit auf 2xGb und 2x10Gb on-board	1
Virtual Machine Profile: 2 vCPU, 1.5 GB Memory, 20 GB virtual disks		

HEWLETT PACKARD (HP)

Note: The HP SKUs/Reference IDs for the HP Virtual SAN Ready Nodes are coming soon. Please work with your HP sales representative to quote/order the HP Virtual SAN Ready Nodes.

Low Up to 5TB raw capacity, 15 Virtual Machines		
Components	Details	QTY
SYSTEM	HP ProLiant DL360p Gen8 Server	1
CPU	Intel® Xeon® E5-2630L v2 (2.4GHz/6-core/15MB/7.2GT-s QPI/60W, DDR3-1600, HT, Turbo2-2/2/2/2/3/4)	1
MEM	HP 8GB (1x8GB) Dual Rank x4 PC3-14900R (DDR3-1866) Registered CAS-13 Memory Kit 708639-B21	8
SSD	HP 200GB 6G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive - 690825-B211TB	1
HDD	HP 1TB 6G SAS 7.2K rpm SFF (2.5-inch) SC Midline 1yr Warranty Hard Drive 652749-B21	5
Controller	HP H220 Host Bus Adapter - 650933-B21	1
NIC	HP Ethernet 10Gb 2-port 560FLR-SFP+ FIO Adapter 684218-B21	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

Low Up to 5TB raw capacity, 15 Virtual Machines		
Components	Details	QTY
SYSTEM	HP ProLiant DL380p Gen8 Server	1
CPU	Intel® Xeon® E5-2630L v2 (2.4GHz/6-core/15MB/7.2GT-s QPI/60W, DDR3-1600, HT, Turbo2-2/2/2/2/3/4)	1
MEM	HP 8GB (1x8GB) Dual Rank x4 PC3-14900R (DDR3-1866) Registered CAS-13 Memory Kit 708639-B21	8
SSD	HP 200GB 6G SAS Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive - 690825-B211TB	1
HDD	HP 1TB 6G SAS 7.2K rpm SFF (2.5-inch) SC Midline 1yr Warranty Hard Drive 652749-B21	5
Controller	HP H220 Host Bus Adapter - 650933-B21	1
NIC	HP Ethernet 10Gb 2-port 560FLR-SFP+ FIO Adapter 684218-B21	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

HEWLETT PACKARD (HP)

Note: The HP SKUs/Reference IDs for the HP Virtual SAN Ready Nodes are coming soon. Please work with your HP sales representative to quote/order the HP Virtual SAN Ready Nodes.

HEWLETT PACKARD (HP)		
Medium Up to 8TB raw capacity, 30 Virtual Machines		
Components	Details	QTY
SYSTEM	HP ProLiant DL360p Gen8 Server	1
CPU	Intel® Xeon® E5-2650 v2 (2.6GHz/8-core/20MB/8.0GT-s QPI/95W, DDR3-1866, HT, Turbo2-4/4/4/4/5/6/7/8)	2
MEM	HP 16GB (1x16GB) Dual Rank x4 PC3-14900R (DDR3-1866) Registered CAS-13 Memory Kit - 708641-B21	16
SSD	HP 200GB 6G SAS SLC SFF (2.5-inch) SC Enterprise Performance 3yr Warranty Solid State Drive - 653078-B21	2
HDD	HP 1TB 6G SAS 7.2K rpm SFF (2.5-inch) SC Midline 1yr Warranty Hard Drive 652749-B21	8
Controller	HP Smart Array P420i Controller	1
NIC	HP NC552SFP 10GbE 2P Svr Adapter - 614203-B21	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

Medium Up to 8TB raw capacity, 30 Virtual Machines		
Components	Details	QTY
SYSTEM	HP ProLiant DL380p Gen8 Server	1
CPU	Intel® Xeon® E5-2650 v2 (2.6GHz/8-core/20MB/8.0GT-s QPI/95W, DDR3-1866, HT, Turbo2-4/4/4/4/5/6/7/8)	2
MEM	HP 16GB (1x16GB) Dual Rank x4 PC3-14900R (DDR3-1866) Registered CAS-13 Memory Kit - 708641-B21	16
SSD	HP 200GB 6G SAS SLC SFF (2.5-inch) SC Enterprise Performance 3yr Warranty Solid State Drive - 653078-B21	2
HDD	HP 1TB 6G SAS 7.2K rpm SFF (2.5-inch) SC Midline 1yr Warranty Hard Drive 652749-B21	8
Controller	HP Smart Array P420i Controller	1
NIC	HP Ethernet 10Gb 2-port 560FLR-SFP+ FIO Adapter 684218-B21	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

HEWLETT PACKARD (HP)

Note: The HP SKUs/Reference IDs for the HP Virtual SAN Ready Nodes are coming soon. Please work with your HP sales representative to quote/order the HP Virtual SAN Ready Nodes.

HEWLETT PACKARD (HP)		
High Up to 9.6TB raw capacity, 60 Virtual Machines		
Components	Details	QTY
SYSTEM	HP ProLiant DL360p	1
CPU	Intel® Xeon® E5-2680 v2 (2.8GHz/10-core/25MB/8.0GT-s QPI/115W, DDR3-1866, HT, Turbo2-3/3/3/3/3/4/5/6/7/8)	2
MEM	HP 16GB (1x16GB) Dual Rank x4 PC3-14900R (DDR3-1866) Registered CAS-13 Memory Kit - 708641-B21	24
SSD	HP 400GB 6G SAS SLC SFF (2.5-inch) SC Enterprise Performance 3yr Warranty Solid State Drive (653082-B21)	2
HDD	HP 1.2TB 6G SAS 10K rpm SFF (2.5-inch) SC Dual Port Enterprise 3yr Warranty Hard Drive - 718162-B21	8
Controller	HP Smart Array P420i Controller	1
NIC	HP Ethernet 10Gb 2-port 560FLR-SFP+ FIO Adapter 684218-B21	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

High Up to 14.4TB raw capacity, 60 Virtual Machines		
Components	Details	QTY
SYSTEM	HP ProLiant DL380p Gen8 Server	1
CPU	Intel® Xeon® E5-2680 v2 (2.8GHz/10-core/25MB/8.0GT-s QPI/115W, DDR3-1866, HT, Turbo2-3/3/3/3/3/4/5/6/7/8)	2
MEM	HP 16GB (1x16GB) Dual Rank x4 PC3-14900R (DDR3-1866) Registered CAS-13 Memory Kit - 708641-B21	24
SSD	HP 400GB 6G SAS SLC SFF (2.5-inch) SC Enterprise Performance 3yr Warranty Solid State Drive (653082-B21)	2
HDD	HP 1.2TB 6G SAS 10K rpm SFF (2.5-inch) SC Dual Port Enterprise 3yr Warranty Hard Drive - 718162-B21	12
Controller	HP Smart Array P420i Controller	1
NIC	HP Ethernet 10Gb 2-port 560FLR-SFP+ FIO Adapter 684218-B21	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

HEWLETT PACKARD (HP)

Note: The HP SKUs/Reference IDs for the HP Virtual SAN Ready Nodes are coming soon. Please work with your HP sales representative to quote/order the HP Virtual SAN Ready Nodes.

HEWLETT PACKARD (HP)		
VDI - Linked Clones Up to 1.2TB raw capacity, 100 Virtual Machines		
Components	Details	QTY
SYSTEM	HP ProLiant DL360p Gen8 Server	1
CPU	Intel® Xeon® E5-2680 v2 (2.8GHz/10-core/25MB/8.0GT-s QPI/115W, DDR3-1866, HT, Turbo2-3/3/3/3/3/4/5/6/7/8)	2
MEM	HP 16GB (1x16GB) Dual Rank x4 PC3-14900R (DDR3-1866) Registered CAS-13 Memory Kit - 708641-B21	24
SSD	HP 400GB 6G SAS SLC SFF (2.5-inch) SC Enterprise Performance 3yr Warranty Solid State Drive (653082-B21)	1
HDD	HP 300GB 6G SAS 10K rpm SFF (2.5-inch) SC Enterprise 3yr Warranty Hard Drive (652564-B21)	4
Controller	HP Smart Array P420i Controller	1
NIC	HP Ethernet 10Gb 2-port 560FLR-SFP+ FIO Adapter 684218-B21	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

VDI - Linked Clones Up to 1.2TB raw capacity, 100 Virtual Machines		
Components	Details	QTY
SYSTEM	HP ProLiant DL380p Gen8 Server	1
CPU	Intel® Xeon® E5-2680 v2 (2.8GHz/10-core/25MB/8.0GT-s QPI/115W, DDR3-1866, HT, Turbo2-3/3/3/3/3/4/5/6/7/8)	2
MEM	HP 16GB (1x16GB) Dual Rank x4 PC3-14900R (DDR3-1866) Registered CAS-13 Memory Kit - 708641-B21	24
SSD	HP 400GB 6G SAS SLC SFF (2.5-inch) SC Enterprise Performance 3yr Warranty Solid State Drive (653082-B21)	1
HDD	HP 300GB 6G SAS 10K rpm SFF (2.5-inch) SC Enterprise 3yr Warranty Hard Drive (652564-B21)	4
Controller	HP Smart Array P420i Controller	1
NIC	HP Ethernet 10Gb 2-port 560FLR-SFP+ FIO Adapter 684218-B21	1
Virtual Machine Profile: 2 vCPU, 1.5 GB Memory, 20 GB virtual disks		

HEWLETT PACKARD (HP)

Note: The HP SKUs/Reference IDs for the HP Virtual SAN Ready Nodes are coming soon. Please work with your HP sales representative to quote/order the HP Virtual SAN Ready Nodes.

HEWLETT PACKARD (HP)		
VDI - Full Clones Up to 9.6TB raw capacity, 100 Virtual Machines		
Components	Details	QTY
SYSTEM	HP ProLiant DL360p Gen8 Server	1
CPU	Intel® Xeon® E5-2680 v2 (2.8GHz/10-core/25MB/8.0GT-s QPI/115W, DDR3-1866, HT, Turbo2-3/3/3/3/3/4/5/6/7/8)	2
MEM	HP 16GB (1x16GB) Dual Rank x4 PC3-14900R (DDR3-1866) Registered CAS-13 Memory Kit - 708641-B21	24
SSD	HP 400GB 6G SAS SLC SFF (2.5-inch) SC Enterprise Performance 3yr Warranty Solid State Drive (653082-B21)	2
HDD	HP 1.2TB 6G SAS 10K rpm SFF (2.5-inch) SC Dual Port Enterprise 3yr Warranty Hard Drive - 718162-B21	8
Controller	HP Smart Array P420i Controller	1
NIC	HP Ethernet 10Gb 2-port 560FLR-SFP+ FIO Adapter 684218-B21	1
Virtual Machine Profile: 2 vCPU, 1.5 GB Memory, 40 GB virtual disks		

VDI - Full Clones Up to 10.8TB raw capacity, 100 Virtual Machines		
Components	Details	QTY
SYSTEM	HP ProLiant DL380p Gen8 Server	1
CPU	Intel® Xeon® E5-2680 v2 (2.8GHz/10-core/25MB/8.0GT-s QPI/115W, DDR3-1866, HT, Turbo2-3/3/3/3/3/4/5/6/7/8)	2
MEM	HP 16GB (1x16GB) Dual Rank x4 PC3-14900R (DDR3-1866) Registered CAS-13 Memory Kit - 708641-B21	24
SSD	HP 400GB 6G SAS SLC SFF (2.5-inch) SC Enterprise Performance 3yr Warranty Solid State Drive (653082-B21)	2
HDD	HP 1.2TB 6G SAS 10K rpm SFF (2.5-inch) SC Dual Port Enterprise 3yr Warranty Hard Drive - 718162-B21	9
Controller	HP Smart Array P420i Controller	1
NIC	HP Ethernet 10Gb 2-port 560FLR-SFP+ FIO Adapter 684218-B21	1
Virtual Machine Profile: 2 vCPU, 1.5 GB Memory, 2 x 60 GB virtual disks		

SUPERMICRO

Note: Please work with your SuperMicro sales representative and quote the SKU listed under **SYSTEM** to procure the Ready Node.

Low Up to 5TB raw capacity, 15 Virtual Machines		
Components	Details	QTY
SYSTEM	SuperServer SYS-1027R-VSN001S	1
CPU	Intel Xeon Processor E5-2630V2 2.6G 15M 7.2GT/s QPI	1
MEM	16GB 1866MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs	4
SSD	Intel S3700 Series 200GB, SATA 6Gb/s, HET MLC 2.5" 7.0mm, 25nm	1
HDD	1TB 7.2K RPM Near-Line SAS 6Gbps 2.5in	5
Controller	LSI 2208 based controller	1
NIC	Intel® i350 Dual port GbE controller, Broadcom dual 10GbE SFP+	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

Medium Up to 32TB raw capacity, 125 Virtual Machines (~30 Virtual Machines per node)		
Components	Details	QTY
SYSTEM	SuperServer SYS-F627R3-VSN001M / SYS-F627R3-VSN002M (4 nodes in 1 system)	1
CPU	Intel Xeon Processor E5-2660V2 2.2G 25M 8GT/s QPI	8
MEM	16GB 1866MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs	64
SSD	Intel S3700 Series 400GB, SATA 6Gb/s, HET MLC 2.5" 7.0mm, 25nm	4
HDD	2TB 7.2K RPM Near-Line SAS 6Gbps 3.5in	16
Controller	LSI 2208 based controller	4
NIC	10G support w/ X540 chip with 2 x RJ45 (VSN001M) or 82599ES chip with 2 x SFP+ (VSN002M)	4
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

High Up to 8.4TB raw capacity, 60 Virtual Machines		
Components	Details	QTY
SYSTEM	SuperServer SYS-1027R-VSN001L	1
CPU	Intel Xeon Processor E5-2670V2 2.5G 25M 8GT/s QPI	2
MEM	32GB 1333MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs	16
SSD	Intel S3700 Series 800GB, SATA 6Gb/s, HET MLC 2.5" 7.0mm, 25nm	1
HDD	1.2TB 10K RPM SAS 6Gbps 2.5in	7
Controller	LSI 2208 based controller	1
NIC	Intel® i350 Dual port GbE controller, Broadcom dual 10GbE SFP+	1
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

SUPERMICRO		
High Up to 33.6TB raw capacity, 250 Virtual Machines (~60 Virtual Machines per node)		
Components	Details	QTY
SYSTEM	SuperServer SYS-F627R3-VSN001L / SYS-F627R3-VSN002L (4 nodes in 1 system)	1
CPU	Intel Xeon Processor E5-2670V2 2.5G 25M 8GT/s QPI	8
MEM	32GB 1333MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs	64
SSD	Intel S3700 Series 800GB, SATA 6Gb/s, HET MLC 2.5" 7.0mm, 25nm	4
HDD	1.2TB 10K RPM SAS 6Gbps 2.5in	28
Controller	LSI 2208 based controller	4
NIC	10G support w/ X540 chip with 2 x RJ45 (VSN001L) or 82599ES chip with 2 x SFP+ (VSN002L)	4
Virtual Machine Profile: 2 vCPU, 6 GB Memory, 2 x 60 GB virtual disks		

VDI - Linked Clones Up to 6TB raw capacity, 400 Virtual Machines (~100 Virtual Machines per Node)		
Components	Details	QTY
SYSTEM	SuperServer SYS-F627R3-VDN001L / SYS-F627R3-VDN002L (4 nodes in 1 system)	1
CPU	Intel Xeon Processor E5-2670V2 2.5G 25M 8GT/s QPI	8
MEM	16GB 1866MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs	64
SSD	Intel S3700 Series 400GB, SATA 6Gb/s, HET MLC 2.5" 7.0mm, 25nm	4
HDD	300GB 15K RPM SAS 6Gbps 2.5in	20
Controller	LSI 2208 based controller	4
NIC	10G support w/ X540 chip with 2 x RJ45 (VDN001L) or 82599ES chip with 2 x SFP+ (VDN002L)	4
Virtual Machine Profile: 2 vCPU, 1.5 GB Memory, 20 GB virtual disks		

VDI - Full Clones Up to 33.6TB raw capacity, 400 Virtual Machines (~100 Virtual Machines per Node)		
Components	Details	QTY
SYSTEM	SuperServer SYS-F627R3-VDN001F / SYS-F627R3-VDN002F (4 nodes in 1 system)	1
CPU	Intel Xeon Processor E5-2670V2 2.5G 25M 8GT/s QPI	8
MEM	16GB 1866MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs	64
SSD	Intel S3700 Series 800GB, SATA 6Gb/s, HET MLC 2.5" 7.0mm, 25nm	4
HDD	1.2TB 10K RPM SAS 6Gbps 2.5in	28
Controller	LSI 2208 based controller	4
NIC	10G support w/ X540 chip with 2 x RJ45 (VDN001F) or 82599ES chip with 2 x SFP+ (VDN002F)	4
Virtual Machine Profile: 2 vCPU, 1.5 GB Memory, 40 GB virtual disks		