

I Server Specification

S.No.	Features	Qualifying Minimum Requirements
1	Processor Configuration	2 X Intel Xeon-Gold 6326 2.9GHz 16-core 185W Processor
2	Chipset	C621 or higher
3	Processor Make	Intel
4	Number of core per processor	16 Core
5	Size (RU)	2U Rack,Easy Install Rail Kit
6	RAM size (GB)	4 X 64GB Dual Rank DDR4-3200
7	No of HDD slots	8 SFF bay or 6 SFF+2NVMe or 8NVMe optional
8	Type of Hard Disk Drive	SSD
9	No of HDD populated	2 X 960GB Read Intensive SFF SSD
10	Smart Storage	Onboard performance 12G SAS RAID controller with 4GB Cache storage battery
11	FC Card	16Gb Dual Port Fibre Channel Host Bus Adapter
12	PCI Slots	Primary Riser Pcle 4.0 Slots (Slots 1-3),Secondary Riser Pcle 4.0 Slots (Slots 4-6), Tertiary Riser (Slots 7-8)
13	Type of RAM	DDR-4
14	RAM upgradable upto (GB)	1024 or higher
15	DIMM slots (No.)	24 or higher
16	RAID type	0,1,5,6
17	RAID Controller Ports @ 12 Gbps	2
18	Video Controller (support VGA or above resolution)	Yes
19	Keyboard & Mouse	OEM Standard USB Keyboard & Optical Mouse
20	Dedicated IOL Management Port	1 Gb Dedicated port for ongoing management, service alerting, reporting and remote management License, Management memory min 32MB Flash
21	OS Certification	Windows , REDHAT,ubuntu,oracle ,Linux
22	Network Card Support	1G, 10G
23	Power Supply	Min 800W Flex redundant Platinum Hot Plug Power Supply Kit
24	Redundant Power Supply and FAN	Yes
25	Total No of Ports	4 x 1G, 10Gb 2-port SFP+ Adapter
26	Server scalability to be achieved within the box without adding nodes	Yes
27	Industrial Standard compliance	Energy star, TPM 2.0 Support, IPMI 2.0 , AES
28	Power Supply	230 V +/- 10%, 50 Hz
29	Warranty	3 Years 24 x7 on-site comprehensive warranty from OEM.

II Server Specification

S.No.	Features	Qualifying Minimum Requirements
1	Processor Configuration	2 X Intel Xeon-Silver 4314 2.4GHz 16-core 135W Processor
2	Chipset	C621 or higher
3	Processor Make	Intel
4	Number of core per processor	16 Core
5	Size (RU)	2U Rack, Easy Install Rail Kit
6	RAM size (GB)	4 X 64GB Dual Rank DDR4-3200
7	No of HDD slots	12LFF support upto 20LFF
8	Type of Hard Disk Drive	SSD , SATA
9	No of HDD populated	2 X 960GB Read Intensive SFF SSD
10	Hard Disk drive Capacity (GB)	8 x 12TB SATA 7.2K LFF Drives Raw capacity 96TB
11	Smart Storage	Onboard performance 12G SAS RAID controller with 4GB Cache storage battery
12	FC Card	16Gb Dual Port Fibre Channel Host Bus Adapter
13	PCI Slots	Primary Riser Pcle 4.0 Slots (Slots 1-3), Secondary Riser Pcle 4.0 Slots (Slots 4-6), Tertiary Riser (Slots 7-8)
14	Type of RAM	DDR-4
15	RAM upgradable upto (GB)	1024
16	DIMM slots (No.)	24
17	RAID type	0,1,5,6
18	RAID Controller Ports @ 12 Gbps	2
19	Video Controller (support VGA or above resolution)	Yes
20	Keyboard & Mouse	OEM Standard USB Keyboard & Optical Mouse
21	Dedicated IOL Management Port	1 Gb Dedicated port for ongoing management, service alerting, reporting and remote management License, Management memory min 32MB Flash
22	OS Certification	Windows , REDHAT, ubuntu, oracle , Linux
23	Network Card Support	1G, 10G
24	Power Supply	Min 800W Flex redundant Platinum Hot Plug Power Supply Kit
25	Redundant Power Supply and FAN	Yes
26	Total No of Ports	4 x 1G, 10Gb 2-port SFP+ Adapter
27	Server scalability to be achieved within the box without adding nodes	Yes
28	Industrial Standard compliance	Energy star, TPM 2.0 Support, IPMI 2.0 , AES
29	Power Supply	230 V +/- 10%, 50 Hz
30	Warranty	3 Years 24 x7 on-site comprehensive warranty from OEM.

III Server Specification

1	SAN Storage	SAN 16Gb Fibre Channel SFF Storage Dual hot-swappable active/active controllers 4 host ports per controller, 16Gb Fibre Channel Auto negotiation supported on Fibre Channel (down to 8Gb) New next-generation RAID offload ASIC and Processor 24GB system cache 2 X 1.92TB Read Intensive SSDs pre installed on the array 12Gb SAS expansion ports Battery-free cache backup with super capacitors and compact flash
2	Hard disk	6 X 1.2TB SAS 12G Enterprise 10K SFF (2.5in) M2 3yr Wty HDD , 8 x 12TB SAS 12G Midline 7.2K LFF Drives Raw capacity 96TB
3	Access Type	Block
4	No.of cotrollers per array	2
5	No.of Host per array	8
6	FC Host connectivity	16GB
7	software Features	Thin Provisioning , Snapshot, Volume copy, Perfomance tier,Archive tier
8	Expansion Drive Enclosures	Max 9
9	Management	Web based interface, Health check ,CLI
10	OS Support	Microsoft Windows Server 2019,VMware vSphere,Red Hat Linux SuSE Linux,Oracle Linux,Citrix Hypervisor
11	Warranty	3 Years 24 X 7 on-site comprehensive warranty from OEM.

IV	VM Ware	vSphere 7 Essentials Plus Kit for 3 hosts (Max 2 processors per host) - SnS is required. VMware vSphere Essentials Plus includes vCenter Server Essentials and ESXi for 3 hosts, plus the following features: vCenter agents, Update Manager, Data Protection and High Availability. vSphere Essentials Plus is limited for use on up to 3 hosts and on servers with up to two processors only.Support for 3 Year
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v	Operating system	Cloud Linux OS for servers includes cpanel for host management for 3years
a	OEM Capabilities	The Quoted Hardware OEM should be in top 5 latest IDC india server market revenue / Leader Quadrant,The Bidder has to quote server and storage from the single OEM Brand
b	Installation	Installation, Testing, Commissioning with documentation to be done at Client location
c	Remarks	The indicated values / Models of specifications are essential based on requirement. Offers of higher specification / Superior model / Latest versions are acceptable.