



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076.

Reference No. (PR No. 1000040078)

TECHNICAL SPECIFICATIONS

ADD ON OF EXISTING HPC WITH ONE COMPUTE NODE OF IDENTICAL SPECIFICATION

COMPUTER NODES		
SL No.	Product Description	Qty
1	SR665 Compute Server: HPC & AI	1
2	Chassis with 8, 16 or 24 Bays	1
3	225W 2.0GHz Processor	2
4	16GB TruDDR4 3200MHz (2Rx8 1.2V) RDIMM-A	16
5	RAID 530-8i PCIe 12Gb Adapter	1
6	2.5" 5300 960GB Mainstream SATA 6Gb Hot Swap SSD	1
7	2U 8x2.5" SAS/SATA Backplane	1
8	Broadcom 5719 1GbE RJ45 4-port OCP Ethernet Adapter	1
9	Mellanox ConnectX-6 HDR100/100GbE QSFP56 1-port PCIe VPI Adapter	1
10	A2 16GB PCIe Gen4 Passive GPU	1
11	2U PCIe Gen4 x16/x8/x8 Riser 1 or 2	1
12	2U PCIe Gen4 x16/x8/x8 Riser 1 or 2	1
13	2U x16/x16 PCIe Riser3 Kit v2	1
14	1800W 230V Platinum Hot-Swap Gen2 Power Supply	2
15	2.8m, 13A/100-250V, C13 to C14 Jumper Cord	2
16	XClarity Controller Standard to Enterprise Upgrade	1
17	SR665 Performance Fan Option Kit	6
18	Toolless Slide Rail Kit v2	1
19	2U EIA Latch w/ VGA and External Diagnostics Port Upgrade Kit v2	1
20	Enable TPM 2.0	1
21	Enable IPMI-over-LAN	1
22	SR665 MB for 7003, TPM 2.0	1
23	Feature Enable TPM on MB	1
24	Premier Essential - 3Yr 24x7 4Hr Resp + YDYD SR665	1
25	2m Mellanox HDR IB to 2x HDR100 Splitter Passive Copper QSFP56 Cable	1
26	3m Green Cat5e Cable	2
27	Ganana Cluster Manager Tool	1
28	Ganana Job Portal	1
29	2m Mellanox HDR IB to 2x HDR100 Splitter PassiveCopper QSFP56 Cable	1
30	3m Green Cat5e Cable	1



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31	Ganana Cluster Manager Tool and Job Portal SoftwareLic.	1
32	One Time Installation and Commissioning	1
33	On-Site Comprehensive Support Services coterminouswith existing HPC Cluster	1

- **Warranty:** 3 years from the date of installation