



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

Purchase Requisition No. 1000013094 (SRM/RFX No. 6100000278)

Technical Specifications of Compute Node using Supermicro 1028GR-TR

Items	Specifications
Processor	2 x Intel Xeon E5-2630V4 (10-core, 2.2 GHz, 25M, 8GT/s) (Total 20 Cores)
GPU Accelerator	2 x NVIDIA Tesla V100 (16GB) CoWoS HBM2 PCIe 3.0 Passive Cooling Board
Chipset	Intel® C612 Chipset
RAM	4 x 16GB (Total 64GB) DDR4-2400 ECC REG. (<u>Max 1TB, 16 DIMMs</u>)
HDDs	2 x 1000GB SATA Enterprise 7200 RPM 2.5" HDDs
RAID	SATA3 (6Gbps) with RAID 0, 1, 10 (RAID 5 Windows only) Onboard
Management	IPMI 2.0 with virtual media over LAN and KVM-over-LAN support Onboard
Graphics	ASPEED AST2400 BMC Onboard
NIC	Dual Gigabit (10/100/1000Mbps) Ethernet onboard
Exp. Slots	4x PCI-E 3.0 x16 slots (3x GPU/MIC cards optional), 1x PCI-E 3.0 x8 LP slot
Ports	1 x serial, 4x USB 3.0 ports (2 rear, 2 via header), 2x USB 2.0 ports (2 via headers), 1 x VGA, 2x RJ45 LAN ports, 1 x RJ45 Management Port
Chassis	1U rackmountable with mounting Rails (4x Hot-swap 2.5" SATA3 Drive Bays)
P. Supply	1600W Redundant Power Supplies Platinum Level
Warranty	03 Years Comprehensive On-site Warranty