

TECHNICAL SPECIFICATIONS

Ref#: IITG/RND/T124/23-24

Date: 01.02.2024

Part - I

Computer – 02 Quantity		
Specifications		
01	Processor	24 cores, 32 threads, 36 MB cache or more; frequency – 2.4 to 6.0 GHz or higher
02	RAM	64 GB or more; DDR5; 5200 MHz or better; upgradable to 192 GB
03	Graphics	12GB GDDR6x; cores – 7680 or more; frequency – 2610 MHz or more; tripple fans cooling
04	Storage	Primary – 1 TB M.2 NVMe PCIe 4.0 SSD, TLC, Speed upto 7000 MB/s or better; Secondary – 1TB 3.5inch HDD or better
05	Power Supply	750 Watt 80 Plus Gold or better
06	Processor Cooler	6 heat pipes air cooler or better; Aluminum fins; 02 – fans or more
07	Display	27 inch Full HD or better; Frameless; Refresh rate – 100 Hz or better; 2 x 3 Watt speaker or better
08	Network	2.5 Gbps LAN; 2.4 Gbps Wi-Fi; Bluetooth 5.3 or better
09	Others	Mechanical Keyboard, Optical Mouse, Cabinet ventilation – 02 Nos fans or more, support PCIe 5.0, 03 - PCI-E x16 slots or more, 01 - PCI-E x1 slots are more;

Computer – 04 Quantity		
Specifications		
01	Processor	12 cores, 20 threads, 25 MB cache or more; frequency – 1.6 to 4.9 GHz or higher;
02	RAM	32 GB or more; DDR5; 5200 MHz or better
03	Graphics	4GB GDDR6 or more; cores – 896 or more; frequency – 1600 MHz or more; dual fans cooling
04	Storage	Primary – 1 TB M.2 NVMe PCIe 4.0 SSD or better; Secondary – 1TB 3.5inch HDD or better
05	Power Supply	650 Watt 80 Plus Bronze or better
06	Processor Cooler	4 heat pipes or better air cooler; Copper; Aluminum fins; 01 – fan or more
07	Display	27 inch Full HD or better; IPS; Frameless; Refresh rate – 100 Hz or better; 2 x 2 Watt speaker or better
08	Network	2.5 Gbps LAN; 2.4 Gbps Wi-Fi; Bluetooth 5.3 or better
09	Others	Mechanical Keyboard, Optical Mouse, Cabinet ventilation – 02 fans or more