

General Specification for High end Computing workstation for real time experimental data capture & analysis

Features	Minimum Requirement
CPU	Intel Xeon 5120 2.2 GHz 14 Cores CPU or better, support up to 2 x 28 core or more
Chipset	Intel C622 chipset or better
RAM	96GB (3x32GB) DDR42666 or more
Drive controller	Onboard 10-Channel 6Gbps SATA
HDD	2TB SATA 1st Hard Drive, 2TB SATA 3.5in 2 nd HDD
Optical Drive	Multi DVDRW or better
Graphic Card	NVIDIA Quadro P1000 4GBor better
Keyboard	OEM Wireless keyboard and Mouse or better
Monitor	OEM 27-inch or more
Network	System should be compatible for WIFI access or with USB port card basis also allowed.
Drive Bays	Minimum 6bays or more
Expansion Slots	Minimum 7 PCI
Ports	1 headset connector; 12 USB ports,2 PS/2; 2 RJ-45, 1 audio-in; 1 audio-out; 1 serial or more
Operating System support	System should be supplied with minimum Windows 10 installation or better
Power supply	Min. 1700 W - 90% Efficient wide-ranging, active Power Factor Correction
Additional software	M.S office 2010 or better original version.
Audio	High Definition Integrated Audio with Internal speaker.
Warranty	3 years onsite warranty for system and monitor from OEM