

Notice Inviting Quotation

- Home Information Technology Broadcasting and Telecommunications Computer Equipment and Accessories Computers Workstation

**Dell Workstation With Intel Xeon W- 2223 Processor 64 GB  
Dell<sup>R</sup>  
(Dell Precision 5820 Tower)**

**Specifications:**

FormFactor	:	Desktop
ProcessorMake	:	Intel
ProcessorGeneration	:	NA
NumberOfCoresper Processor	:	4
Processor Base Frequency (GHz)	:	3.6
ProcessorDescription	:	Intel Xeon W Series
ProcessorNumber	:	Intel XeonW-2223
NumberOfSocketspopulated with theProcessors	:	1
Cache(MB)	:	8.25
ChipsetNumber	:	Intel C422
Graphics Type	:	Dedicated/Discrete
NumberOfGraphicCards	:	1
Graphic Card Description	:	nVIDIA Quadro RTX 6000 24GB
Operating System (Factory Pre- Loaded)	:	Windows 10 Professional 64 bit
RAMSize(GB)	:	64
RAMExpandabilityupto using spare DIMM Slots (GB)	:	512
Type of Drives used to populate the internal Bays	:	SAS

RAID for Operating System	:	NA
Capacity of each Drive (GB)	:	900
Type of Drives used to populate the Internal Bays	:	PCIe
Number of Internal Bays populated with SATA Drive	:	0
Each SATA Drive Capacity (GB)	:	0
Total SATA Drive Capacity (GB)	:	0
Number of Internal Bays populated with SAS Drive	:	0
Capacity of each SAS Drive (GB)	:	0
Total SAS Drive Capacity (GB)	:	0
Number of Internal Bays populated with SSD Drive	:	0
Capacity of each SSD Drive (GB)	:	0
Total SSD Capacity (GB)	:	0
Number of Internal Bays populated with PCIe Drive	:	1
Capacity of each PCIe Drive (GB)	:	512
Total PCIe Drive Capacity (GB)	:	512
Number of RAID Controller Ports	:	8
Speed of RAID Controller Ports (Gbps)	:	12
Number of Ethernet Ports	:	1
Wireless Connectivity	:	No
If Yes, Type of Wireless Connectivity	:	NA
Bluetooth Connectivity	:	No

IfYes, Version of Bluetooth Available : 0

Display Availability : Monitor

Display Size (cm) : 68- 71

Display Type : Non Touch

Panel Type : Flat


Panel Technology : IPS

Display Resolution (Pixels) : 3840 x2160

Redundant Power Supply : No

On Site OEM Warranty (Year) : 3

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Type	
Form Factor	Desktop
<b>Processor</b>	
<b>Processor Make</b>	Intel
<b>Processor Generation</b>	NA
<b>Number of Cores per Processor</b>	4
<b>Processor Base Frequency (GHz)</b>	3.6
<b>Processor Turbo Frequency (GHz)</b>	3.9
<b>Processor Description</b>	Intel Xeon W Series
 <b>ProcessA</b>	Intel Xeon W-2223

Number of sockets available on the motherboard	1
Number of Sockets populated with the Processors	1
Cache (MB)	8.25
Out of Band Management	Intel vPro

Motherboard	
Chipset Number	Intel C422
Expansion Slots (PCIe x 1) (Number)	1
Expansion Slots (PCIe x 4) (Number)	1
Expansion Slots (PCIe x 8) (Number)	1
Expansion Slots (PCIe x 16) (Number)	2
Expansion Slots (PCI) (Number)	1

Graphics	
Graphics Type	Dedicated/Discrete
Number of Graphic Cards	1
Graphic Card Description	nVIDIA Quadro RTX 6000 24GB

Operating System (Factory Pre-Loaded)	Windows 10 Professional 64 bit
Recovery Image Media	CDfromtheOEM/StoredinPartitionoftheHardDisk/USBDrivefromthe OEM / On Line / Cloud
OS Certification	Windows,Ubuntu Linux,Redhat Linux

Applications	
Applications Compatible with the Workstation (Requisite document may be furnished as and when demanded by the buyer)	Adobe After Effects CS/CC,Adobe Illustrator CC,Adobe Media Encoder CS/CC,Adobe Photoshop CS/CC,Adobe Premiere Pro CS/CC,Adobe SpeedGrade CC

Memory	
RAM Type	DDR4
RAM Speed (MHz)	2666
Type of Memory	ECC RDIMM
RAM Size (GB)	64
Total Numbers of DIMM Slots Available	8
Number of DIMM Slots Populated	4
RAM Expandability upto using spare DIMM Slots (GB)	512
Primary Storage /Boot Drive	
	SAS


Number of Drives	2
RAID for Operating System	NA
Capacity of each Drive (GB)	900

Secondary Storage	
Type of Drives used to populate the Internal Bays	PCIe
Total number of Internal Bays available for SATA Drive	0
Number of Internal Bays populated with SATA Drive	0
Each SATA Drive Capacity (GB)	0
Speed of each SATA Drive (RPM)	0
Total SATA Drive Capacity (GB)	0
Total number of Internal Bays available for SAS Drive	0
Number of Internal Bays populated with SAS Drive	0
Capacity of each SAS Drive (GB)	0
Speed of each SAS Drive (RPM)	0
Total SAS Drive Capacity (GB)	0

Total number of Internal Bays available for SSD	0
Number of Internal Bays populated with SSD Drive	0
Capacity of each SSD Drive (GB)	0
Total SSD Capacity (GB)	0
Total number of Internal Bays available for PCIe SSD	4
Number of Internal Bays populated with PCIe Drive	1
Capacity of each PCIe Drive (GB)	512
Total PCIe Drive Capacity (GB)	512
Class of PCIe Drives	Class 40
RAID	
RAID level	0,1,5,1+0
Number of RAID Controller Ports	8
Speed of RAID Controller Ports (Gbps)	12
RAID Controller Cache (GB)	0

Connectivity	
Type of Ethernet Ports	Single Gigabit NIC 10/100/1000

Number of Ethernet Ports	1
Wireless Connectivity	No
If Yes, Type of Wireless Connectivity	NA
Bluetooth Connectivity	No
If Yes, Version of Bluetooth Available	0

<b>Ports</b>	
Number of USB Version 2 Point 0 Ports	0
Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	8
Number of USB Version 3 point 1, Gen 2 Ports	0
Number of USB Type C Ports	2
Number of VGA Ports	0
Number of HDMI Ports	0
Number of Mini DP Ports	0
Number of DP Ports	4
<b>Display</b>	
<b>Display Availability</b>	Monitor
<b>Display Size (cm)</b>	68- 71
	Non Touch



Panel Type	Flat
Panel Technology	IPS
Display Resolution (Pixels)	3840 x 2160
LED Backlit	Yes
TCO Compliance for Monitor	TCO 07
Colour Gamut	72% Color Gamut
Monitor Stand	Height Adjustable

Power	
Maximum Power (Watts)	950
Minimum Power Efficiency (%)	90
Power Management Unit	Yes
Redundant Power Supply Input Devices	No
<b>Mouse Connectivity, If available</b>	Wired
<b>Type of Mouse, If available</b>	Optical Scroll
<b>Keyboard Connectivity, if available</b>	Wired
<b>Type of Keyboard, if available</b>	Standard with Rupee Symbol
<b>Type of Keyboard in case of Mobile Gaming</b>	NA

Generic	
Optical Drive	DVD R/W
Number of External Bays	2
Security	H/W Based
Docking Station for Mobile Workstation	No
Availability of Bundled Software	Yes
Type of Bundled Software	Artificial Intelligence Based Performance Improvement Software
Finger Print Reader in case of Mobile Workstation	NA
Carry Case in case of Mobile Workstation	NA

Certification	
BIS Registration under CRS of Meity (Requisite certificate may be furnished as and when demanded by the buyer)	Yes
BIS Registration Number and its Validity	R-67000094
ROHS Compliance	Yes
Other Certification Available (Requisite certificate may be furnished as and when demanded by the buyer)	UL,CE,FCC

Minimum Operating Temperature (Degree C)	5	Maximum Operating Temperature (DEgree C)	35
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Minimum Operating Humidity (%RH)	10
Maximum Operating Humidity (%RH)	90

Warranty	
Battery Warranty in case of Mobile Workstation	0
On Site OEM Warranty (Year)	3

### **Terms & Conditions Details**

Preparation of Bids: The offer/bid should be submitted in two bid systems (i.e.) Technical bid and financial bid. The technical bid should consist of all technical details along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid

Opening of the tender: The bid will be opened by a committee duly constituted for this purpose. The technical bid will be opened first and it will be examined by a technical committee (as per specification and requirement). The financial offer/bid will be opened only for the offer/bid which technically meets all requirements as per the specification.

Acceptance/ Rejection of bids: The Committee reserves the right to reject any or all offers without assigning any reason.

Warranty : Minimum 3 years

Two separate sealed envelopes to be submitted for technical and financial bid (clearly labelled as “technical bid” and “financial bid”) respectively.

Last date of submitting the bids will be 18<sup>th</sup> October, 2021 before 5:00 pm to :

#### **Prof. Tanusree Chakraborty**

Department of Civil Engineering  
IIT Delhi, Hauz Khas, New Delhi-110016  
Email: [tanusree@civil.iitd.ac.in](mailto:tanusree@civil.iitd.ac.in)  
Phone: 91-11-2659-1268, 7336

Please quote prices for FOB New Delhi, inclusive of all taxes and duties.

Quote should be in Indian Rupees for agents of Indian manufacturers, or in foreign currency, for agents of foreign manufacturers, and needs to be valid for at least three months.

Attach all the technical literature and a list of similar installations done in India.

If the quote is being submitted by a representative of the manufacturer, a valid agency-ship or dealership certificate authorizing the agent to quote to IIT Delhi on behalf of the manufacturers should be enclosed. The principal and the vendor, both, are not allowed to quote for the same product.

Complete set of manuals for the operation of the equipment should be given.

Please specify all of your terms and conditions clearly, including delivery period.

Mode of payment for purchases in foreign currency are through irrevocable letter of credit, or through wire transfer on delivery. Only bank charges within India are payable by FITT, IIT Delhi, all bank charges outside India are the responsibility of the seller. For purchases in INR, payment is on delivery.