

University of Kerala
Department of Physics
Kariavattom Campus, Thiruvananthapuram – 695581, KERALA

Quotation Notice

21/12/2022

Quotations are invited for purchasing Branded **Desktop** for research purpose from HP/Dell with following specification by the Department of Physics, University of Kerala

Specification for Desktop

Processor	i7-12700 (12 Cores/25MB/20T/2.1GHz to 4.9GHz/65W)
Chipset	Intel Q670 Chipset or better
Motherboard	OEM Motherboard
Memory	8GB, 1 x 8GB, DDR4, 3200MHz expandable up to 128 GB
Audio	Integrated Speakers
Security	Discrete TPM 2.0 (Hardware), Chassis Intrusion Switch.
Form Factor	Tower less than 19 L Chassis
Slots	Minimum 4 PCI/PCIe slots (Minimum: 1 full-height Gen 4 PCIe x16 slot, 1 full-height Gen 3 PCIe x4 slot openend), 3 M.2 Slots or better
Solid State Drive	512 GB PCIe NVMe Class 35 Solid State Drive
Operating system	Windows 10 Pro (Includes Windows 11 Pro License) & Ubuntu Linux
Optical Drive	8x DVD+/-R
Power supply	Minimum 400W typical 92% Efficient PSU or better
Monitor	27"FHD IPS Antiglare Display
Keyboard	USB Keyboard (same make as pc)
Mouse	USB optical mouse (same make as pc)
Internet connectivity	Wired and Wireless
Ports	Minimum 10 External USB Ports: (Minimum 5 USB 3.2 Type-A port & 1 USB 3.2 Gen 2 Type-C port), 1 Universal Audio Jack, 3 DisplayPort 1.4 ports, 1 HDMI Port, 1 RJ-45 port 10/100/1000 Mbps
Certification	Energy star 6.0, EPEAT India Certified for Desktop & TCO 8.0 for Monitor, MIL STD 810H Test passed, ISO 9001:2008 certification for OEM or better.
Warranty	3 Year Onsite Warranty

Support	Drivers should be available for download from OEM site for at least 3 years form the date of the purchases order.
Other Conditions	Monitor, Key Board, Mouse and system shhould be of the same OEM. All components and accessories should be 100% factory Integrated. Warranty of each desktop should be listed in OEM support site. Online support Registration based on product serial number should be offered by OEM. OEM should be one of the Top 3 desktop suppliers in india for the last three consecutive quarters as per IDC report.
UPS	
Output Voltage	230V AC±10%, 50 Hz±1%
Capacity	600VA
Backup time	Min 15 minutes at battery full charge condition
Indication	Visual And audio
Power Socket	Minimum 3 Nos
Warranty	Minimum 3 years warranty should be provided for the above item from the date of successful commissioning

Please include a compliance statement too. The Desktop should be delivered and installed at the Department of Physics, University of kerala. The Quotes should be inclusive of the cost, freight, taxes etc. Terms and conditions of warranty should be clearly mentioned. The components should be installed in the Department of Physics, University of Kerala. Please quote the lowest price for the above item. The quotation should be addressed to "Dr. Mamata Sahoo, UGC Assistant Professor, Department of Physics, University of Kerala, Kariavattom Campus". The quotations should reach on or before **20-01-2023, 3.00 pm**.

Sd/-
Dr. Mamata Sahoo.
UGC Assistant Professor
Department of Physics
University of Kerala
Kariavattom, Thiruvananthapuram

Mamata Sahoo
Dr. Mamata Sahoo
UGC Asst. Professor
Dept. of Physics
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Forwarded by HOD

[Signature]
Head
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