# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING KANCHEEPURAM – CHENNAI -600127

## COMPUTER CENTER

### TECHNICAL SPECIFICATION FOR DESKTOP / WORKSTATION

| S.No | Product Description | Technical Configuration |
|------|---------------------|-------------------------|
| **PROCESSOR** | | |
| | Processor Make | Intel (Example) |
| | Processor Generation | 11 (Example) |
| | Number of Cores per Processor | 8(Example) |
| | Processor Base Frequency (GHz) | 2.5(Example) |
| | Processor Description | Intel Core i7(Example) |
| | Processor Number | Intel Core i7 11700(Example) |
| | Cache (MB) | 16(Example) |
| | Motherboard | |
| | **Chipset Series** | Intel Q Series (Example) |
| | **Chipset Number** | Intel Q570(Example) |
| | **Expansion Slots (PCIe x 1) (Number)** | 2(Example) |
| | **Expansion Slots (PCIe x 4) (Number)** | 1(Example) |
| | **Expansion Slots (PCIe x 16) (Number)** | 1(Example) |
| | **Expansion Slots (PCI) (Number)** | 0(Example) |
| | **Expansion Slots (M Dot 2)** | 3(Example) |
| **GRAPHICS** | | |
| | Graphics Type | Integrated /Nvidia(Example) |
| | Graphic Card Description | UHD Graphics 750(Example) |
| | Size of Memory in Case of Dedicated Graphic Card (GB) | 4GB(Example) |
| | Size of VRAM in case of Integrated Graphics (MB) | 128(Example) |
| **MEMORY** | | |
| | Type of RAM | DDR4 /DDR5 |
| | RAM Size (GB) | 8 |
| | RAM Speed (MHz) | 3200 |
| | Total Numbers of DIMM Slots Available | 4 |
| | Number of DIMM Slots populated | 1 |
| | RAM Expandability up to( using spare DIMM Slots in GB) | 128 |

| STORAGE | | |
|---------|--|--|
| | Total Number of Internal Bays available | 3 |
| | Number of 2 point 5 inches internal Bays | 1 |
| | Number of 3 point 5 inches Internal Bays | 2 |
| | Number of 2 point 5 Inches Internal Bays Populated | 1 |
| | Number of 3 point 5 Inches Internal Bays Populated | 0 |
| | Type of Drives used to populate the Internal Bays | HDD |
| | Number of Internal Bays populated with HDD | 1 |
| | Capacity of each HDD (GB) | 1000 @7200 rpm |
| | Total HDD Capacity (GB) | 1000 |
| | Number of Internal Bays populated with SSD | 0 |
| | Capacity of each SSD (GB) | 0 |
| | Total SSD Capacity (GB) | 0 |
| | Number of Internal Bays populated with SSHD | 0 |
| | Capacity of each SSHD (GB) | NA |
| | Total SSHD Capacity in addition to 8 GB Flash (GB) | 0 |
| | Number of Internal Bays populated with SSED | 0 |
| | Capacity of each SSED (GB) | 0 |
| | Total SSED Capacity (GB) | 0 |
| | Optane Memory (GB) | 0 |
| **CABINET** | | |
| | Cabinet Form Factor | Tower (13.1 to 26 Litres) |
| | Cabinet Volume (Litres) | 19.14 |
| | External Bays (Number) | 1 |
| | Optical Drive | DVD R/W |
| | Internal Speaker | Yes |
| | Audio-in | No |
| | Audio-out | Yes |
| | Headphone out | Yes |
| | Microphone-in | Yes |

| CONNECTIVITY | | |
|---|---|---|
| | Wireless Connectivity | No |
| | If Yes, Type of Wireless Connectivity | NA |
| | Number of Ethernet Ports | 1 |
| | Type of Ethernet Ports | Intel 10/100/1000 |
| | Bluetooth Connectivity | No |
| | If Yes, Version of Bluetooth Available | 0 |
| PORTS | | |
| | Number of USB Version 2 Point 0 Ports | 3 |
| | Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports | 4 |
| | Number of USB Version 3 point 1, Gen 2 Ports | 4 |
| | Number of USB Type C Ports | 1 |
| | Number of Serial Ports | 0 |
| | Number of Parallel Ports | 0 |
| | Number of VGA Ports | 0 |
| | Number of HDMI Ports | 1 |
| | Number of DP Ports | 2 |
| MONITOR | | |
| | Model of the Monitor | 21.5" |
| | Monitor Technology | TN |
| | LED Backlit Monitor Size (INCHES) | 21.5 |
| | Monitor Resolution (PIXELS) | 1920x1080 |
| | TCO Certification for Monitor | 8.0 |
| | Number of VGA Ports in the Monitor | 1 |
| | Number of HDMI Ports in the Monitor | 1 |
| | Number of Display Ports in the Monitor | 0 |

| | | |
|---|---|---|
| | Availability of Webcam integrated with Monitor | No |
| | If Yes, Resolution of Webcam | NA |
| | Availability of Speakers integrated with Monitor | No |
| | If Yes, Number of Speakers available | 0 |
| POWER | | |
| | Power Supply Capacity (Watt) | 260 |
| | Minimum Power Efficiency Range (%) | 90 – 94 |
| Certification | | |
| | ROHS Compliance | Yes |
| | BEE / Energy Star for the given Model | Yes |
| INPUT DEVICE | | |
| | Mouse Connectivity | Wired |
| | Type of Mouse | Optical Scroll |
| | Keyboard Connectivity | Wired |
| | Type of Keyboard | Standard |
| OPERATING CONDITIONS | | |
| | Minimum Operating Temperature | 10 degree Celsius |
| | Maximum Operating Temperature | 35 degree Celsius |
| | Minimum Operating Humidity (%RH) | 10 |
| | Maximum Operating Humidity (%RH) | 90 |
| OPERATING SYSTEM | | |
| | Operating System (Factory Pre-Loaded) | Windows 10 Professional |
| | OS Certification | Windows |
| WARRANTY | | |
| | On Site OEM Warranty (Year) | 3 |

**Indentor**          **Head of the Department**          **Computer Center Tech.,**          **PIC – Computer Center**