

Suggested Hardware Specifications

The museum has to procure and install the following hardware along with network environment for installing JATAN software. Museum can decide the number of desktop computers depending on the size of collection and schedule of digitization.

1.	<p>Intel Server (QTY – 1 Nos.)</p> <p>Form Factor: ATX, Tower</p> <p>Operating system :Windows Server 2012 standard, 64 Bit OS, 10 user license</p> <p>Processor: Intel Xeon 5600 Family ,Intel® Xeon® E5606 (4 core, 2.13 GHz, 8MB L3, 80W) or higher</p> <p>Number of processors: Single</p> <p>Chipset: Intel 5500 chipset motherboard or higher , compatible with given specification</p> <p>Memory : 16 GB, 1333MHz DDR3 RAM</p> <p>Memory slots: 8 DIMM slots</p> <p>Ports: USB 3.0 (2 Nos), USB 2.0 Ports(2 Nos) ,SATA ports (6 Nos)</p> <p>Network Controller: Integrated Dual Gigabit controller</p> <p>Graphics controller: Integrated Graphics controller</p> <p>Storage Controller : Embedded SATA ports supporting minimum six drives, supporting RAID</p> <p>Hard Disk Drives: 2 x 300GB 6G SAS 10K RPM Hot Plug Hard Drive and 4 x 4 TB hot pluggable 6G SATA Server HDD</p> <p>HDD form factor: 3.5 Inch</p> <p>Power Supply: Redundant , 450W power supply with Multiple output connectors</p> <p>Cooling Fans: Minimum Two numbers of cooling fan</p> <p>Keyboard : 104 keys.</p> <p>Mouse : Optical with USB interface.</p> <p>Management software : Server management and control software, compatible to product</p> <p>Monitor : 19 inch or larger TFT/LED Digital Color Monitor</p> <p>Optical drive type : Slim SATA DVD ROM</p> <p>Warranty : 3 years onsite on parts and labor</p> <p>Anti Virus software : Symantec Endpoint Protection Manager or Trend Micro Office Scan Corporate Edition with 10 client license</p>
2.	<p>8 Bay Network Attached Storage (QTY – 1 Nos.)</p> <p>Drive Interface : SATA 3Gb/s or more</p> <p>Hard Drive capacity: support for 1TB, 2TB and 3TB</p> <p>Raid Level Support:RAID0, RAID1, RAID5</p> <p>Disk Storage capacity: 4* 3TB SATA Hard disk with disk monitoring features</p> <p>USB Interface : Standard USB 2.0, two number of ports</p> <p>LAN Interface :Single, Speed 10/100/1000 MBPS</p> <p>Network Protocol Support : TCP/IP</p> <p>Management: built-in Web Access feature to manage</p> <p>Power Supply : External power supply,</p> <p>Power Management Features: Power saving mode</p>

	OS Support: MS Windows based Operating Systems, Drivers, setup programmes, should be compatible.
3.	Hardware: External / Portable USB hard disk QTY – 2 Nos.)
	HDD : Capacity 4TB , Interface : USB 3.0
4.	Desktop Computer with preloaded Operating System (QTY – Minimum 3 Nos.)
	<p>CPU : Intel core i7-3770T 2.5GHz, 8 MB Cache. Chipset : Intel Z77 express chipset based motherboard or higher. Bus Architecture : Minimum 4 PCI slots(PCI/ PCI Express) Memory : 8 GB 1333 MHz DDR3 RAM Hard Disk Drive : 1TB 7200 RPM, Serial ATA HDD. Monitor : 19 inch or larger TFT/LED Digital Colour Monitor with HDMI Input Keyboard : 104 keys. Mouse : Optical with USB interface. Ports : 6GBPS Serial ATA ports, 2 nos of USB 3.0 ports, 4 Numbers of USB 2.0 or higher ports (at least 2 in front) Front audio ports for microphone and headphone. Cabinet : Mini Tower. DVD Writer : 8X or better DVD writer Drive with 10 Nos of DVD RW media. Networking Interface : Speed 10/100/1000 MBPS, on board integrated Network Port. Operating System : MS Windows 7 64 bit professional edition or MS Windows 8 Professional 64 bit. Antivirus software: McAfee AntiVirus Plus or any other suitable antivirus software.</p>
5.	<p>Broadband internet connection with at least 2 MBPS bandwidth</p> <p>It is necessary to provide technical support through TeamViewer.</p>