

## Server and PC Workstation Specifications for GSIA

### I. Server

|                |                                                                          |  |
|----------------|--------------------------------------------------------------------------|--|
| Form Factor    | 1U Rack /1S                                                              |  |
| Processor      | Intel Xeon E3-1220 v5 3.0GHz, 8M cache, 4C/4T, turbo (80W)               |  |
| Cache          |                                                                          |  |
| Memory         | 8MB Cache                                                                |  |
| Memory / Max   | 16GB UDIMM, 2133MT/s, ECC (max 4DIMM slots)                              |  |
| HD Capacity    | 1TB (x2) 7.2K RPM SATA 6Gbps 3.5in Hot-plug Hard Drive,13G (max of 4HDD) |  |
| Optical        | DVD+/-RW SATA Internal                                                   |  |
| RAID           | PERC H330 Integrated RAID Controller                                     |  |
| Onboard NICs   | On-Board LOM 1GBE Dual Port (BCM5720 GbE LOM)                            |  |
| Power Supplies | Single, Cabled Power Supply, 250W                                        |  |
| Keyboard       | US English (QWERTY) QuietKey USB Keyboard Black                          |  |
| Mouse          | USB Optical Mouse MS111                                                  |  |
| Static Rail    | 1U/2U Static Rails for 2-Post and 4-Post Racks                           |  |
| OS             | LINUX (any latest DISTRO)                                                |  |

### II. PC WorkStation

|              |                                                                                                                                                                                                                                                                                                             |  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Form Factor  | <b>Small Form Factor:</b><br><br>4 USB 2.0 (2 front, 2 rear)<br>6 USB 3.0 (2 front, 4 rear)<br>1 Universal Audio Jack<br>1 Internal SD Card reader (Optional)<br>3 SATA 6Gb/s<br>2 PS2<br>2 DisplayPort<br>1 HDMI<br>1 RJ45 Network Connector<br>1 Serial<br>1 Audio Line out<br>1 VGA Connector (Optional) |  |
| Processor    | 6th Gen Intel® Core™ i5-6500 (Quad Core 3.2GHz, 3.6Ghz Turbo, 6MB, w/ HD Graphics 530))                                                                                                                                                                                                                     |  |
| Memory / Max | 8GB (1x8GB) 2133MHz DDR4 Non-ECC                                                                                                                                                                                                                                                                            |  |

|                |                                                 |  |
|----------------|-------------------------------------------------|--|
| HD Capacity    | 500GB 3.5inch Serial ATA (7,200 Rpm) Hard Drive |  |
| Optical        | DVD+/-RW SATA Internal                          |  |
| RAID           | PERC H330 Integrated RAID Controller            |  |
| Onboard NICs   | 1 RJ45 Network Connector                        |  |
| Power Supplies | Single, Cabled Power Supply, 250W               |  |
| Keyboard       | US English (QWERTY) QuietKey USB Keyboard Black |  |
| Mouse          | USB Optical Mouse MS111                         |  |
| OS             | Windows 10 Pro 64bit English                    |  |
|                |                                                 |  |