

Below are the minimum specifications for the servers

1. Dell PowerEdge VRTX Rack Chassis

- PowerEdge VRTX 10Gb Switch Module, Int 16 ports to Ext 6 ports (4x 10Gb SFP+, 2x 1Gb RJ45)
- PowerEdge VRTX Rack Configuration for 2.5 inch Hard Drives (max 25)
- PowerEdge VRTX 2.5 HDD Dual Expander for Dual Controller
- Blade Blanking Panel
- PowerEdge VRTX Locking Security Bezel
- Flex Address Plus Enabled, 8GB ; CMC Extended Storage Card
- Hard Drive: 20 x 960GB Solid State Drive SAS Mix Use MLC 12Gbps 2.5in Hot-plug Drive
- 2 x Chassis Management Controller Card for PowerEdge VRTX Chassis
- 4 x SFP+, Short Range, Optical Transceiver, LC Connector, 10Gb and 1Gb compatible for Intel and Broadcom
- Optical Drive: DVD+/-RW, SATA, Internal
- PowerEdge VRTX Redundant Power Supply, 4 x 1600W, (2+2)
- 4 x 2M Rack Power Cord C13/C14 12A
- PowerEdge VRTX Rack Installation Rails, No Cable Management Arm
- 2U Threaded Hole Rack Adapter Kit for Sliding Ready Rails
- PowerEdge VRTX 2.5 HD HotPlug Backplane with Dual Controller and Expander in Redundant Mode
- No Systems Documentation, No OpenManage DVD Kit
- CMC Enterprise License
- Warranty: 3Yr ProSupport and Next Business Day On-Site Service

2. Dell PowerEdge M640 Server x 2

- Processor: Intel Xeon Silver 4110 2.1G, 8C/16T, 9.6GT/s 2UPI, 11M Cache, Turbo, HT (85W) DDR4-2400
- Additional Processor: Intel Xeon Silver 4110 2.1G, 8C/16T, 9.6GT/s 2UPI, 11M Cache, Turbo, HT (85W) DDR4-2400
- Chassis with up to 2 SAS or SATA Hard Drives (PERC required)
- iDRAC Group Manager, Enabled
- 2666MT/s RDIMMs ; Performance Optimized
- Memory: 8 x 32GB RDIMM, 2666MT/s, Dual Rank
- M.2 Blank Riser for C6420
- Hard Drive: 2 x 240GB SSD SATA Mix Use 6Gbps 512n 2.5in Hot-plug Drive, SM863a,3 DWPD,1314 TBW
- H730P Controller ; Heatsink for CPU2 ; Trusted Platform Module 2.0
- Intel X710 Quad Port, 10Gb KR Blade Network Daughter Card
- RAID 1 ; Performance BIOS Settings
- OpenManage Essentials, Server Configuration Management
- No Systems Documentation, No OpenManage DVD Kit
- Warranty: 3Yr ProSupport and Next Business Day On-Site Service