| characteristics | Server 1 | Server 2 | Server 3 | Server 4 | Server 5 |
| --- | --- | --- | --- | --- | --- |
| Base | image-20230223134045618 PowerEdge T350 | image-20230223134053067PowerEdge T550 | image-20230223134053067PowerEdge T550 | image-20230223134118375 AMD Threadripper Pro | image-20230223134141434 Intel Core i9 X-Series |
| Type | Tower Server | Tower Server | Tower Server | Workstation | Workstation |
| Number of CPU slots | 1 | 2 | 2 | 1 | 1 |
| Processor | Intel® Xeon® E-2388G 3.2GHz, 16M Cache, 8C/16T, Turbo (95W), 3200 MT/s | Intel® Xeon® Silver 4316 2.3G, 20C/40T, 10.4GT/s, 30M Cache, Turbo, HT (150W) DDR4-2666 | Intel® Xeon® Gold 5320T 2.3G, 20C/40T, 11.2GT/s, 30M Cache, Turbo, HT (150W) DDR4-2933 | Threadripper Pro 5995WX  64 cores, 2.70 GHz | Intel Core i9 Latest Extreme |
| TPM | Trusted Platform Module 2.0 V3 | Trusted Platform Module 2.0 V3 | Trusted Platform Module 2.0 V3 | Trusted Platform Module 2.0 V3 | Trusted Platform Module 2.0 V3 |
| Graphic Card | - | image-20230223144239784 RTX 4090 | image-20230223144234013 RTX 4090 (1?2) | image-20230223144223926  RTX 4090 (1?2) | image-20230223144229555  RTX 4090 (1?2) |
| Memory | 32GB UDIMM, 3200MT/s, ECC x4 = **128GB** | 32GB RDIMM, 3200MT/s, Dual Rank, ECC x4 = **128GB** | 64GB RDIMM, 3200MT/s, Dual Rank, ECC x4 = **256GB** | 256GB | 256GB |
| Hard Drive | 2TB NVME + 4TB SSD | 2TB NVME + 4TB SSD | 2TB NVME + 8TB SSD | 2TB NVME + 8TB SSD | 2TB NVME + 8TB SSD |
| Raid | Hardware Raid Card | Hardware Raid Card | Hardware Raid Card | Hardware Raid Card | Hardware Raid Card |
| Power Supply | Dual, Hot-Plug, Redundant Power Supply 800W, (1+1) | Dual, Hot Plug, Redundant Power Supply 1100 W, (1+1) | Dual, Hot Plug, Redundant Power Supply 1400 W, (1+1) | 1600+ | 1600+ |
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