

Dell PowerEdge T430 Windows Server 2022 Hyper-V Projekt (1)



Testumgebung: Dell PowerEdge T430 Rack-Server

2 x Intel Xeon E5-2650 v4 8C/16T @ 2.20 – 2.90 GHz CPU
NVIDIA Quadro P1000 GPU, 4GB GDDR5, 1281MHz, 128bit
128 GB RAM @ 2400 MHz ECC – 4x 32 GB RDIMM-2666 ECC
DELL PERC H330 RAID-Controller (RAID: 0,1,5,10,50)
iDRAC8 Express mit Lifecycle Controller / 16x Hot-Swap-fähige 2.5-Zoll-Laufwerke
4x 400 GB SSD Toshiba PX04SVB040 Enterprise SAS - RAID 5
4x 2 TB HDD Dell SEAGATE ST2000NX0273 SAS - RAID 5
4x 300 GB HDD Dell NLSAS 12Gbit/s - RAID 5
2x 1 TB Western Digital WD_Black AN1500 NVMe M.2 PCIe – RAID 0/Stripeset
2x 1GbE Broadcom RJ45 Ports, 2x 10GbE Intel X550-T2 RJ-45 Ports
Windows Server 2022 Standard/Datacenter 16 Core (mit Hyper-V)
Mitgliedsserver im T350 Projekt / Microsoft Azure ARC-enabled Server



4* 400 GB SSD Data Center SAS (OS-Disk)

	Read (MB/s)	Write (MB/s)
SEQ1M Q8T1	4025.17	2021.67
SEQ1M Q1T1	2407.15	869.35
RND4K Q32T1	542.08	52.04
RND4K Q1T1	35.49	18.16

	Read (MB/s)	Write (MB/s)
SEQ1M Q8T1	8729.67	7503.41
SEQ1M Q1T1	5869.95	5268.61
RND4K Q32T1	356.94	246.18
RND4K Q1T1	45.32	104.92

2* 1 TB SSD WD_Black NVMe (Hyper-V)

	Read (MB/s)	Write (MB/s)
SEQ1M Q8T1	421.54	149.73
SEQ1M Q1T1	419.61	33.56
RND4K Q32T1	7.00	1.94
RND4K Q1T1	1.12	0.49

4* 2 TB HDD SAS (Data-Disk1)

	Read (MB/s)	Write (MB/s)
SEQ1M Q8T1	560.97	217.06
SEQ1M Q1T1	554.14	33.98
RND4K Q32T1	9.19	2.16
RND4K Q1T1	1.38	0.44

4* 300 GB HDD NLSAS (Data-Disk2)