

Dell Precision 3650 Windows Server 2022 Essentials Projekt



Testumgebung: Dell Precision 3650 Tower

Intel Core i7 10700 octa-core (8 cores) @ 2.9 - 4.8 GHz CPU
Intel UHD Graphics 630 / NVIDIA T600 GPU, 4GB GDDR6, 128bit
64 GB RAM @ 2933 MHz – 2x 32 GB DDR4-3200 UDIMM
1x 960 GB SSD Samsung PM883 Data Center SATA
1x 3.84 TB SSD Kingston DC1500M Data Center NVMe U.2
1x 2 TB SSD Crucial MX500 2.5 Zoll SATA
1x 18 TB HDD Toshiba Cloud-Scale Capacity 3.5" SATA3 (max.6 GBit/s)
1x 1GbE Intel RJ45 Port, 1x 10GbE TRENDnet RJ45 Port
Windows Server 2022 Essentials/Standard mit Active Directory Domain Services
Rollendienste: DNS-Server, DHCP-Server, Windows Server Sicherung u. a.
Features: Organisationseinheiten, Ordnerumleitung, Deploy Printer Connections u. a.
Microsoft Azure ARC-enabled Server



All	5	1GiB	C: 4% (37/894GiB)	MB/s
	Read (MB/s)		Write (MB/s)	
SEQ1M Q8T1	560.74		526.88	
SEQ1M Q1T1	550.95		518.41	
RND4K Q32T1	398.35		354.91	
RND4K Q1T1	40.36		123.67	

1* 960 GB SSD Samsung Data Center SATA (OS-Disk)

All	5	1GiB	D: 4% (142/3577GiB)	MB/s
	Read (MB/s)		Write (MB/s)	
SEQ1M Q8T1	3354.25		2830.79	
SEQ1M Q1T1	1808.82		2309.70	
RND4K Q32T1	870.45		522.18	
RND4K Q1T1	40.65		146.56	

1* 3.84 TB SSD Kingston NVMe U.2 (Data-Disk01)

All	5	1GiB	E: 40% (746/1863GiB)	MB/s
	Read (MB/s)		Write (MB/s)	
SEQ1M Q8T1	561.96		511.85	
SEQ1M Q1T1	550.30		500.80	
RND4K Q32T1	396.88		346.19	
RND4K Q1T1	41.61		97.56	

1* 2 TB SSD Crucial SATA (Data-Disk02)

All	5	1GiB	F: 0% (50/16764GiB)	MB/s
	Read (MB/s)		Write (MB/s)	
SEQ1M Q8T1	281.26		273.90	
SEQ1M Q1T1	280.98		269.91	
RND4K Q32T1	3.50		1.89	
RND4K Q1T1	1.04		1.35	

1* 18 TB HDD Toshiba SATA (Backup-Disk)