

TerraMaster U12-500 Plus NAS Rack (2U) Intel® Core™ i7 16 GB DDR5 0 TB Grey

Model: U12-500 Plus

Manufacturer: TERRAMASTER

EAN: 6939236146050

Product Code: 1744027

R44,219

High-Performance Backup Server: The U12-500 Plus NAS storage is powered by Core i7-1255U processor with 10 cores, 12 threads, and turbo speeds up to 4.7GHz. It features Iris Xe Graphics with a 1.25GHz dynamic frequency and supports AES NI hardware encryption. Equipped with 16GB DDR5 memory and dual 10 Gigabit Ethernet ports, it delivers strong performance. Its two M.2 NVMe slots enhance storage efficiency with Hyper Cache. This makes the U12-500 Plus a top choice for high-performance backup solutions for small to medium-sized businesses.

20Gb Lightning-Fast Throughput: The U12-500 Plus NAS server features dual 10GbE Ethernet ports, offering up to 20Gbps bandwidth. With SMB multichannel support, it achieves up to 2090MB/s sequential write speeds and 450MB/s 4K random read/write speeds. This performance ensures seamless image and video handling, making it perfect for film production, post-production, and high-

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demand virtualized environments.

Flexible Storage Solutions: The U12-500 Plus NAS enclosure supports various RAID configurations, including Single, RAID 0, 1, 5, 6, and 10. The U12-500 Plus 12-bay NAS in 2U rack mount can accommodate up to 12 3.5" SATA HDDs, 2.5" SATA HDDs, and 2.5" SATA SSDs, offering a remarkable maximum storage capacity of up to 288TB (using 24TB HDDs as an example). It features TerraMaster’s TRAID/TRAID+ for online capacity expansion, migration, and redundant disk setups. Users can select between ext4 and Btrfs file systems, and expand storage effortlessly with the TerraMaster USB DAS disk array.

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