



TerraMaster T12-500 Pro NAS Mini Tower Intel® Core™ i7 16 GB DDR5 0 TB Grey



Model: T12-500 PRO

Manufacturer: TERRAMASTER

EAN: 6939236145329

Product Code: 1609581

R44,611

High-Performance Backup Server: The T12-500 Pro 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 T12-500 Pro a top choice for high-performance backup solutions for small to medium-sized businesses.

20Gb Lightning-Fast Throughput: The T12-500 Pro 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 T12-500 Pro NAS enclosure supports various RAID configurations, including Single, RAID 0, 1, 5, 6, and 10. The T12-500 Pro 12-bay NAS 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 TRAIID/TRAIID+ 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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