

The TerraMaster 5-Bay F5-422 NAS

Written by Frederick Douglas
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CES 2020 has TerraMaster present the F5-422, a five-bay NAS with 10GbE ethernet connectivity powered by the Intel Celeron J3455 quad-core SoC (1.5-2.3GHz) together with 4GB of memory (expandable to 12GB).



The unit holds five 3.5/2.5-inch HDDs or SSDs, and supports a total of 80TB of storage. As a modern NAS, it handles various RAID modes, including RAID 1, RAID 5, RAID 6 and RAID 10. Performance tops out at 670MB/s read and 650MB/s write with all drives running in RAID 5 mode. Meanwhile the TOS 4.1 OS supports SSD caching to accelerate I/O performance as well as multiple security layers, including clustered Btrfs file system, snapshots, AES hardware folder encryption, network transport encryption and scheduled backups (including cloud backups).

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As well as the 10 GbE ethernet port the F5-422 includes two 1 GbE connectors, two USB 3.0 ports and an HDMI output. It also carries live hardware transcoding of up to two concurrent 4K video streams, allowing for high-quality video playback to different devices, such as HDTVs, digital media players, mobile devices and PCs. Thus, it can serve as a means for customers to watch their multimedia library without need to install a 3rd party player.

The F5-422 is available now.

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