

Synology announces an entry-level consumer NAS-- the DiskStation DS220j, a 2-bay storage device able to hold up to 32TB of storage via two 16TB drives, making ideal for a personal cloud solution for data sharing and backup.



The DiskStation DS220j is based on a Realtek RTD1296, a 64-bit, 4-core 1.4GHz CPU, together with 512MB of DDR4 RAM. It has two 3.5-inch bays able to house both 3.5- and 2.5-inch devices, as well as x1 GBe and x2 USB-A ports. It operates the drives in Synology Hybrid RAID (SHR), Basic, JBOD, RAID 0 or RAID 1 modes, and while it uses the ext4 file systems it also supports ext4, ext3, FAT, NTFS, HFS+, and exFAT. Synology claims performance reaches over 112MB/s, at least in terms of sequential read/write.

The NAS is compatible with Windows, macOS and Linux PCs, and supports automatic backup functionality such as Apple Time Machine. Included Synology DiskStation Manager software handles various networking protocols, including FTP, SMB2, SMB3 (encrypted), AFP, NFS and WebDAV, allowing browser-based remote access, together with synchronisation with

cloud-based backup services such as Dropbox, Google Drive, Microsoft OneDrive, Baidu and Box.

The DiskStation DS220j is available now.

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