# TrueNAS Appliance Portfolio

**DiGiCOR**

**TrueNAS** — OPEN ENTERPRISE STORAGE

| | Mini Series<br>Branch Office/Quiet | R-Series<br>Cost Optimized | H-Series<br>Power Optimized | M-Series<br>Capacity Optimized | F-Series<br>Performance Optimized |
|---|---|---|---|---|---|
| **High Availability** | No | No | Optional | Optional | Optional |
| **Target Use Case** | Small Business, Edge, Home | Multi Purpose | Edge, Small and Medium Enterprise | Mission Critical Enterprise | Media Production, Analytics, Virtualization |
| **Form Factor** | Mini Tower or 2U Rackmount | 1U - 12U Rackmount | 2U - 6U Rackmount | 4U - 52U Rackmount | 2U - 14U Rackmount |
| **Chassis Depth** | Mini R: 21", 531 mm | 26-39", 660-990 mm | 27", 686 mm | 27", 686 mm | 27", 686 mm |
| **Storage Architecture** | Hybrid HDD / SSD or All-Flash | Hybrid HDD / SSD or All-Flash | Hybrid HDD / SSD or All-NVMe Flash | Hybrid HDD / SSD or All-Flash | All-NVMe Flash |
| **Storage** | SATA | SATA / SAS | SAS, NVMe | SAS | NVMe, Optional SAS |
| **Write Cache** | SATA SSD | SATA SSD, NVMe Option | NVMe | SAS, NVMe, NVDIMM | Distributed Write Log |
| **Read Cache Size** | 480 GB | 12.8 TB NVMe | Up to 12.8 TB NVMe | Up to 12.8 TB NVMe | 512 GB DRAM |
| **Cores per Controller** | 4 - 8 | 6 - 16 | 4 - 20 | 8 - 32 | 32 - 48 |
| **vCPU per Controller** | 4 - 8 | 12 - 32 | 8 - 40 | 8 - 64 | 64 - 96 |
| **RAM per Controller** | 16 - 64 GB | 32 - 192 GB | 64 - 256 GB | 96 GB - 768 GB | 512 GB |
| **Expansion Shelves** | 0 | 2 | 1 | Up to 12 | Up to 6 |
| **Max Capacity** | 264 TB | Up to 5 PB | Up to 2.5 PB | Up to 30 PB | Up to 10 PB |
| **Max Effective Capacity\*** | 528 TB | Up to 10 PB | Up to 5 PB | Up to 50 PB | Up to 20 PB |
| **Bandwidth** | 1 to 20 Gbit/s | 1 to 200 Gbit/s | 1 to 200 Gbit/s | 1 to 200 Gbit/s | 200 - 400 Gbit/s |
| **Fibre Channel (option)** | Not Available | 4× 16 Gbps | 2 × 32 Gbps | Up to 4× 32 Gbps | Up to 4 × 32 Gbps |
| **Enterprise File System** | OpenZFS - File, Block, and Object Services - Open Source | | | | |
| **Data Management** | Unlimited Snapshots, Pool checkpoints, Space-efficient Clones, Replication: Remote, Local, Auto-Resume to Linux ZFS | | | | |
| **Data Reduction** | Thin/Thick Provisioning, In-line Adaptive Compression, Clones, Deduplication, Trim | | | | |
| **Access Protocols** | SMB 2/3, NFSv3/v4, rsync, SMB Multi-channel, NFSv4, iSCSI, Fibre Channel, VAAI, S3, Distributed Minio, Cloud Sync, HTTP / WebDAV, FTP | | | | |
| **Administration** | IPMI, WebUI, REST API, SSH, SNMP, Syslog, LDAP, Kerberos, Active Directory, WebSockets API | | | | |

*\*Maximum effective capacity assumes typical data reduction through compression and deduplication.*

## Support Options

| | Mini Series | R-Series | H-Series | M-Series | F-Series |
|---|---|---|---|---|---|
| **Hardware Warranty** | 1 Year | 3 Years | Up to 6 Years, Worldwide, Advanced/On-Site Parts Replacement | | |
| **Software Support** | Email | Worldwide, up to 24 × 365, Phone or Email | | | |
| **Support Portal** | Community Forums | TrueNAS Enterprise Support Portal | | | |
| **Deployment Services** | Self-Deployment | Included Remote Deployment, Performance Tuning, Proactive Monitoring Option | | | |
| **Software Updates** | Included | Included - Zero downtime upgrades with High Availabilty | | | |

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