

| Minimal Requirements | | |
|--|------------------------------------|---|
| <u>Technical parameter name</u> | <u>Unit</u> | <u>Required min / max limit</u> |
| High capacity storage server module | | min. 1x |
| Total storage capacity | TB | minimum 156 TB optimal 200 TB or more |
| Housing | | 19" housing, max. depth 50 cm, 4HE (4U) |
| Silent desing | dB | yes max 50 dB under heavy load |
| HDD Slots | Gb/s | 3.5" for SAS min. 12 GB/s |
| SATA driver | | min. 6 GB/s |
| External connection | Gbit/s | count min. 2x miniSAS (SFF-8644 or compatible) min. 48 Gbit/s each |
| RAID | | RAID 6 pre-configured and extendable |
| HD Drives | RPM MB/s MB/s MB hours | 3.5" SATA or SAS min. 7200 RPM 5 year vendor warranty Humidity sensor PowerChoice PowerBalance 2M internal NOR flash reading >=249 MB/s write >=249 MB/s cashe min. 256 MB suitable for server 24/7 MTTF or MTBF min. 2 milion hours formating 512e/4KN |
| Power consumption | W | Idle 150W Load max 250W Netzteil min 850W |
| comparable or compatible UPS | | https://www.apc.com/shop/de/de/products/APC-Smart-UPS-X-3000VA-Tower-Rack-Convertible-mit-geringer-Tiefe-Short-Depth-LCD-208-V/P-SMX3000HVT |
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