



NAS system segments

	Home/ SOHO NAS	Midrange NAS	Enterprise scale-up NAS	Scale-out NAS
Performance	Modest	Adequate	Usually optimized for a high number of I/Os	High number of I/Os and high throughput
Scalability	Not available	Very limited	Scales vertically by adding spindles	Very good; proportionally scales performance and capacity by adding nodes
Redundancy	RAID 1 and sometimes RAID 5	Critical components are redundant; dual-controller options for high availability	No single points of failure; dual-controller architecture for high availability	No single points of failure; resilient to multiple failures at one time
Features	Very limited	Provides essential features	Most complete feature set	Lagging enterprise scale-up NAS systems
Cost	Very low	Very affordable	High	High