

## Reliance Nitro Feature Comparison

Feature	Reliance Nitro	Reliable	FAT
Fault tolerant during unexpected shutdown	✓	✓	
Flexible transaction point settings (operation, timed, application-controlled at runtime)	✓		
Fast read performance	✓	✓	Variable
Fast write performance	✓		Variable
Mount time performance	Fast*	Slow	Slow
Flash media optimized with discard interface	✓		

\* Reliance Nitro maintains a known good state to enable quick and consistent mount times. Other file systems require a validation and repair process after unexpected shut down, slowing power fail recovery times considerably.

## FlashFX Tera Feature Comparison

Feature	FlashFX Tera	Typical Flash Drivers
Multiple flash types with one driver	✓	
Latency configuration options	✓	
Wear-leveling	Static and dynamic	Dynamic only
Background compaction	✓	✓
NAND bad block management	✓	BSP vendor
Configurable error policy manager	✓	
Support for raw SLC/MLC NOR	✓	✓
Scrubbing of read disturb / charge migration errors	✓	
Support for SPI serial NOR	✓	
Support for raw SLC/MLC NAND	✓	varies
Support for ECC-managed flash	✓	