

## Initial testing of Solid State Drive - Early results Single Drive Test.\*

CPU 3.2 Ghz (2 x Dual Core)  
Memory 1GB System DDR  
Controller Areca 1231ML  
Data Set Copy of Trading table - 10,000,000 + records

Scenario	FAS250 Raid ( 14 X SATA 7200 RPM Disc Drive)	1x Solid State Hyperdrive	% Performance Increase
Test 1 - Select * From ss_tbl_Trading where TradeDate = '1/19/2006	142485ms	<b>3544ms</b>	3920%
Test 2 - Trading table Append from ss_tbl_nb_tmp3 (88,695 records)	25130ms	<b>4038ms</b>	522%
Test 3 - Delete ss_tbl_Trading where TradeDate = '1/18/2006' (16,773 Rows)	157013ms	<b>396ms</b>	39547%
Test 4 - Update ss_tbl_Trading set Customer where TradeDate = '1/19/2006' (22,219 rows)	157465ms	<b>620ms</b>	25297%
Test 5 - DBCC REINDEX - Single Index	Stopped after 30 minutes	<b>66617ms</b>	infinite

Quotes...

"There is no comparison between the HyperDrive and the 14 Hard disks".  
"The performance is on a different planet".