

HGST Ultrastar 7K6	
Model Number	0B35950
Alt Model Number	HUS726T4TALA6L4
Data Security Mode	Secure Erase (overwrite only)
Interface	512n SATA 6Gb/s
Power Disable Pin 3 status	Legacy Pin 3 config – No Power Disable Support)
Configuration	
Interface	SATA 6Gb/s
Capacity	4TB / 4000GB
Form Factor	3.5-inch
Sector size (bytes)	512n: <ul style="list-style-type: none"> • 512
Max. areal density (Gbits/sq. in., max)	512e/4Kn: <ul style="list-style-type: none"> • 782 • 696 512n <ul style="list-style-type: none"> • 753
Performance	
Data buffer (MB)	256
Rotational speed (RPM)	7200
Latency average (ms)	4.16
Interface transfer rate (MB/s, max)	1200
Sustained transfer rate <ul style="list-style-type: none"> • (MiB/sec, typ.) • (MB/sec, typ.) 	<ul style="list-style-type: none"> • 512e/4Kn: Up to 243 • 512n: 222 <ul style="list-style-type: none"> • 512e/4Kn: Up to 255 • 512n: • 233
Seek time (read/write, ms, typ.)	8.0/8.6
Reliability	
Error Rate (non-recoverable bits read)	1 in 10e15
Load/Unload cycles (at 40°C)	600,000
MTBF2	2M hours
Annual failure rate (AFR)	0.44%
Availability (hrs/day x days/wk)	24x7
Acoustics	
Idle/Operating (Bels, typical)	2.9/3.6
Power	
Requirement (+/- 5%)	+5V, +12V
Operating (W, typical)	<ul style="list-style-type: none"> • 12
Idle (W)8	7.0

Physical	
z-height (mm, max)	15
Dimensions (width x depth, mm)	70.1 x 100.6
Weight (g, max)	715
Environmental (operating)	
Ambient Temperature	0° to 60° C
Non-operating Temperature	-40° to 80° C
Shock (half-sine wave, G)	70
Vibration (G RMS, 2 to 200 Hz)	0.67
Environmental (non-operating)	
Ambient Temperature	-40°C to 70°C
Shock (half-sine wave, G)	300
Vibration (G RMS, 5 to 500 Hz)	1.04