FEATURES
• Max. 500GB formatted capacity per disk
• SATA Native Command Queuing Feature
• TuMR/PMR head with FOD technology
• Serial ATA 3.0Gbps Interface Support
• Load/Unload Head Technology

ENVIROMENTAL SPECIFICATIONS
Temperature
Operating 5 ~ 55 °C
Non-operating -40 ~ 70 °C
Humidity (non-condensing)
Operating 5-90 %
Non-operating 5-95 %
Linear Shock (1/2 sine pulse)
Operating, 2ms 325 G
Non-operating, 2ms 750 G
Vibration (swept sine, 1/4 octave per minute)
Operating 1.5 Grms
Altitude (relative to sea level)
Operating -300 to 3000 m
Non-operating -400 to 15000 m

PHYSICAL DIMENSION
Height 9.5 ± 0.2 mm
Width 69.75 ± 0.25 mm
Length 100.3 ± 0.4 mm
Weight (max.) 107 g

Note: Design and specifications are subject to change without prior notice.
1MB = 1,000,000 bytes, 1GB = 1,000,000,000 bytes
Accessible capacity may vary as some OS uses binary numbering system for reported capacity
2 A small portion of the 8MB buffer memory is reserved for firmware use
3 Power-On to Drive Ready
4 30% duty cycle, random seek