



SLC – 2.5" PATA SLC SSD Drive PRODUCT SPECIFICATIONS:

System Performance

SLC – NAND Flash : 44 pin PATA IDE
Data Transfer Mode PIO Mode0-4, MWDMA 0-2, UDMA Mode 0-4
Sequential Read 36.4MB / sec Max.
Sequential Write 26.5MB / sec Max.
Average Access Time 0.2ms (estimated)

Environmental Specification

Standard Temperature Operation 0°C ~ +70°C
Non-operation -20°C ~ +80°C
Wide Temperature Operation -40°C ~ +85°C
Non-operation -50°C ~ +95°C
Vibration Operation max 15G compliant to MIL-STD-810F
Shock Operation max 1500 G compliant to MIL-STD-810F
Humidity Operation max 10~95% non-condensing
Altitude 70,000 Feet

Reliability

Main Time Between Failure > 3,000,000 hours
Wear Leveling Static Algorithms
Error Code Correction 4 bits per 512 byte blocks
Endurance > 2,000,000 cycles
Data Retention 10 years

Power Consumption

Power Voltage 5V ± 10%
Reading mode 124mA (Max)
Writing mode 121mA (Max)
Sleep Mode 1.8mA (Max)

Physical Specifications

Length 99.70 mm
Width 69.90 mm
Thickness 9.50 mm
Weight 110.0 g (3.88 oz)

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