



SSD SATA 3.0Gbps 2.5"

General		
	64GB	32GB
Manufacturer	SAMSUNG	SAMSUNG
Model	SSD SATA 3.0Gbps 2.5" 64GB	SSD SATA 3.0Gbps 2.5" 32GB
Interface	Serial ATA	Serial ATA
Performance		
Host Transfer Rate	300MB/sec	
Maximum Sequential Read Rate	100MB/s	
Maximum Sequential Write Rate	80MB/s	
Drive Capacity		
	64GB	32GB
Unformatted Capacity	64GB	32GB
User-Addressable Sectors	125,045,424	62,533,296
Bytes per Sector	512	512
Electrical		
Voltage	5V \pm 5%	
Power Consumption		
Read/Write	0.41W/0.41W	
Idle	0.32W	
Standby	0.24W	
Sleep	0.24W	
Reliability		
S.M.A.R.T Support	Yes	
MTBF	2,000,000 Hours	
Preventive Maintenance	None required	
Environment		
Temperature		
Operating	0°C to 70°C	
Non-Operating	-55°C to 95°C	
Shock		
Operating	1500G, (@ 0.5msec half sine wave)	
Non-Operating	1500G, (@ 0.5msec half sine wave)	
Vibration	20G Peak, 10 ~ 2000Hz, (15mins/ Axis) x3 Axis	
Humidity	0°C to 55°C / 90~98% RH	
Physical		
Width	69.85 \pm 0.25mm	
Height	9.5 +0.0mm -0.5mm	
Length	100.3 \pm 0.2mm	
Weight	75.4g	

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NOTE : 1 megabyte (MB) = 1 million bytes; 1 gigabyte (GB) = 1 billion bytes

SSD SATA 1.5Gbps 2.5"

General		
	64GB	32GB
Manufacturer	SAMSUNG	SAMSUNG
Model	SSD SATA 1.5Gbps 2.5" 64GB	SSD SATA 1.5Gbps 2.5" 32GB
Interface	Serial ATA	Serial ATA
Performance		
Host Transfer Rate	150MB/sec	
Maximum Sequential Read Rate	60MB/s	
Maximum Sequential Write Rate	40MB/s	
Drive Capacity		
	64GB	32GB
Unformatted Capacity	64GB	32GB
User-Addressable Sectors	125,045,424	62,533,296
Bytes per Sector	512	512
Electrical		
Voltage	5V \pm 5%	
Power Consumption		
Read/Write	0.80W/0.94W	
Idle	0.6W	
Standby	0.98W	
Sleep	0.4W	
Reliability		
S.M.A.R.T Support	Yes	
MTBF	2,000,000 Hours	
Preventive Maintenance	None required	
Environment		
Temperature		
Operating	0°C to 70°C	
Non-Operating	-40°C to 85°C	
Shock		
Operating	1500G, (@ 0.5msec half sine wave)	
Non-Operating	1500G, (@ 0.5msec half sine wave)	
Vibration	20G Peak, 10 ~ 2000Hz, (15mins/ Axis) x3 Axis	
Humidity	0°C to 55°C / 90~98% RH	
Physical		
Width	69.85 \pm 0.25mm	
Height	9.5 +0.0mm -0.5mm	
Length	100.3 \pm 0.2mm	
Weight	77g	

SSD PATA IDE 2.5"

General		
	64GB	32GB
Manufacturer	SAMSUNG	SAMSUNG
Model	SSD PATA IDE 2.5" 64GB	SSD PATA IDE 2.5" 32GB
Interface	Pararell ATA	Pararell ATA
Performance		
Host Transfer Rate	Up to ATA5 UDMA Mode4 (66MHz)	
Maximum Sequential Read Rate	57MB/s	
Maximum Sequential Write Rate	38MB/s	
Drive Capacity		
	64GB	32GB
Unformatted Capacity	64GB	32GB
User-Addressable Sectors	125,045,424	62,533,296
Bytes per Sector	512	512
Electrical		
Voltage	5V \pm 5%	
Power Consumption		
Read/Write	0.04W/0.25W	
Idle	0.04W	
Stanby	0.04W	
Sleep	0.02W	
Reliability		
S.M.A.R.T Support	Yes	
MTBF	2,000,000 Hours	
Preventive Maintenance	None required	
Environment		
Temperature		
Operating	0°C to 70°C	
Non-Operating	-55°C to 95°C	
Shock		
Operating	1500G, (@ 0.5msec half sine wave)	
Non-Operating	1500G, (@ 0.5msec half sine wave)	
Vibration	20G Peak, 10 ~ 2000Hz, (15mins/ Axis) x3 Axis	
Humidity	0°C to 55°C / 90~98% RH	
Physical		
Width	70.0 \pm 0.2mm	
Height	9.5 \pm 0.2mm	
Length	100.2 \pm 0.2mm	
Weight	77.7	