



- SATA 6Gb/s interface
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Zero mechanical interference
- Anti-vibration mechanical design

## Specifications

Interface	SATA III
Flash Type	SLC
P/E cycle	100,000
Capacity	1GB~32GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	300 / 130
Max. Power Consumption	0.6 W (5V x 130 mA )
Thermal Sensor	WT only
External DRAM buffer	-
H/W Write Protect	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	18.0 X 30.3 X 12.5 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

## Ordering Information

Operation Temp.	1GB	2GB	4GB	8GB	16GB	32GB
Standard Grade (0°C ~ +70°C)	DESSH-01GD07AC1SB(F)	DESSH-04GD07AC1SB(F)	DESSH-04GD07SCADB(F)	DESSH-08GD07SCADB(F)	DESSH-16GD07SCADB(F)	DESSH-32GD07SCADB(F)
Industrial Grade (-40°C ~ +85°C)	DESSH-01GD07AW1SB(F)	DESSH-04GD07AW1SB(F)	DESSH-04GD07SWADB(F)	DESSH-08GD07SWADB(F)	DESSH-16GD07SWADB(F)	DESSH-32GD07SWADB(F)