



- 1.8" SATA III solution for industrial field
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Enhanced power cycling management

Specification:

Interface	SATA III
Flash Type	SLC
Flash P/E Cycle Limit	100,000
Capacity	8GB~256GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	490 / 430
Max. Power Consumption	3 W (5V x 600 mA)
Thermal Sensor	ST- Optional/ WT- Default
External DRAM Buffer	-
H/W Write Protect	-
Pin7 Power	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	54.0 X 78.5 X 5.00 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Ordering Information:

Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB
Standard Grade (0°C ~ +70°C)	DES18-08GD06SCAQB	DES18-16GD06SCAQB	DES18-32GD67SCAQB	DES18-64GD06SCAQB	DES18-A28D06SCAQB	DES18-B56D67SCAQB
Industrial Grade (-40°C ~ +85°C)	DRS18-08GD06SWAQB	DES18-16GD06SWAQB	DES18-32GD06SWAQB	DES18-64GD06SW1QB	DES18-A28D06SWAQB	DES18-B56D06SWAQB