



Model	AFD257
Interface	PATA
Connector	44 pin male
Form Factor	2.5
Operation Mode	
Transfer Mode	
NAND Flash Type	SLC
Capacity	8GB~128GB
External DRAM	No
Sequential Read Performance (MB/sec)	Up to 100
Sequential Write Performance (MB/sec)	Up to 95
ECC Engine	Built-in 72-bit per 1K bytes BCH ECC
IOPS (4K Random Write)	
Standard Operating Temperature (°C)	0 ~ + 70
Extended Operating Temperature (°C)	-40 ~ + 85
Storage Temperature (°C)	-40 ~ + 100
Housing	
H/W Write Protect	
Screw Hole	
Cable-less Solution	
Thermal Sensor	
Shock	1500G (complied with MIL-STD810)
Vibration	15G (complied with MIL-STD810)
Operating Voltage	5 V ± 5%
Power Consumption	Active mode: 295 mA & Idle mode: 35 mA
Dimension (L x W x H)	100 x 69.8 x 9.3 (mm)
MTBF (hours)	>2,000,000