



Model	Industrial microSD
Interface	SD 2.0
Connector	
Form Factor	microSD
Operation Mode	
Transfer Mode	
NAND Flash Type	SLC
Capacity	SD:256MB~2GB;SDHC:4GB
External DRAM	
Sequential Read Performance (MB/sec)	Up to 20
Sequential Write Performance (MB/sec)	Up to 16
ECC Engine	Built-in 24-bit per 1K bytes BCH ECC
IOPS (4K Random Write)	
Standard Operating Temperature (°C)	-
Extended Operating Temperature (°C)	-40 ~ + 85
Storage Temperature (°C)	-40 ~ + 100
Housing	
H/W Write Protect	
Screw Hole	
Cable-less Solution	
Thermal Sensor	
Shock	(Operating) 1,500G, 0.5ms
Vibration	20Hz~80Hz/1.52mm (frequency/displacement) 80Hz~2,000Hz/20G (frequency/accelerate)
Operating Voltage	2.7V ~ 3.6V
Power Consumption	Active mode: 50 mA & Idle mode: 100 uA
Dimension (L x W x H)	15x11x1 (mm)
MTBF (hours)	>2,000,000