

Specifications

Capacities ³	8GB, 16GB, 32GB, 64GB
Performance ¹	Class 10, UHS-I, U3, V30, A1
Endurance ²	Up to 1920 TBW 30K P/E cycles
NAND	TLC in pSLC mode
microSDHC card dimensions	11mm x 15mm x 1mm
SD adapter dimensions	24mm x 32mm x 2.1mm
Format	FAT32 for SDHC and ExFAT for SDXC
Operating & storage temperature	-40°C to 85°C
Voltage	3.3V
Industrial features	<ul style="list-style-type: none">• Bad block management• Strong ECC engine• Power failure protection• Wear levelling• Auto-refresh read distribution protection• Dynamic data refresh• SiP – System in Package• Garbage collection• Health monitoring
Thermal cycle testing	Interval testing completed at various extreme temperatures
Vigorous temperature humidity bias	Several hundred hours of testing to ensure durability at varying levels of humidity
Wide temp chamber testing	Completed on all SDCIT2 cards prior to production
Warranty ⁴	3 years