

	SD				microSD			
Product Line	Premium	Superior			Premium	Superior		
	S750Pi	S750Sc	S650Si	S650Sc	S750Pi	S750Sc	S650Si	S650Sc
Interface	UHS-I	UHS-I	UHS-I	UHS-I	UHS-I	UHS-I	UHS-I	UHS-I
Flash Type	3D pSLC	3D pSLC	3D TLC	3D TLC	3D pSLC	3D pSLC	3D TLC	3D TLC
Form Factor	SD Card				microSD Card			
Operating Temperature	-40°C to 85°C	-25°C to 85°C	-40°C to 85°C	-25°C to 85°C	-40°C to 85°C	-25°C to 85°C	-40°C to 85°C	-25°C to 85°C
Power Loss Protection Options	Firmware Based				Firmware Based			
Capacity	8GB to 32GB	8GB to 32GB	32 GB to 128 GB	32 GB to 128 GB	8GB to 64GB	8GB to 64GB	32 GB to 256 GB	32 GB to 256 GB
Performance								
Sequential Read (MB/s) up to	99	99	96	96	99	99	96	96
Sequential Write (MB/s) up to	78	78	62	62	82	82	65	65
Endurance (TBW) <sup>1</sup> up to	1920	1920	640	640	3840	3840	1280	1280
Reliability MTBF @ 25°C	>2,000,000 hours	>2,000,000 hours	>2,000,000 hours	>2,000,000 hours	>2,000,000 hours	>2,000,000 hours	>2,000,000 hours	>2,000,000 hours
Reliability Number of Insertions	20,000 (SDA spec minimum 10,000)				20,000 (SDA spec minimum 10,000)			
Others								
Dimensions: L x W x H (mm)	32.0 x 24.0 x 2.1	32.0 x 24.0 x 2.1	32.0 x 24.0 x 2.1	32.0 x 24.0 x 2.1	15.0 x 11.0 x 1.0	15.0 x 11.0 x 1.0	15.0 x 11.0 x 1.0	15.0 x 11.0 x 1.0
Certifications	CE, FCC, UKCA, RoHS	CE, FCC, UKCA, RoHS	CE, FCC, UKCA, RoHS	CE, FCC, UKCA, RoHS	CE, FCC, UKCA, RoHS	CE, FCC, UKCA, RoHS	CE, FCC, UKCA, RoHS	CE, FCC, UKCA, RoHS
Warranty	5 years	2 years	3 years	3 years	5 years	2 years	3 years	3 years

<sup>1</sup> Under highest Sequential write value. May vary by density, configuration and applications.