

Premium Pro SD Card



Premium Pro SD card provides application designers with a low cost mass storage device, implemented as a removable card that supports a high security level for content protection and a compact, easy-to-implement interface SD Memory Cards can be grouped into several card classes that differ in the functions they provide.

Features

- Targeted for portable and stationary applications
- Up to 97MB/s read and 84MB/s write
- High Speed: up to Class 10, U3, V30, A2
- Designed for read-only and read/write cards.
- Correction of memory field errors
- Contents Protection Mechanism – Complies with highest security of SDMI standard
- Write Protect feature using mechanical switch

Specifications

Capacity	32GB – 512GB
Dimensions(SD)	24 x 32 x 2.1 mm
Seq. Read Up to(MB/sec)	97
Seq. Write Up to(MB/sec)	84
Power Supply	3.3V
Durability	10,000 mating cycles
Bending	10N
Torque	0.15N*m. ±2.5° max
Drop Test	1.5m free fall
Operating Temperature	-30 to 85°C
Storage Temperature	-40 to 85°C
Moisture and corrosion	Operating: 25°C / 95% rel. humidity Non-Operating: 40°C / 93% rel. hum./500h
Salt water spray	3% NaCl/35C; 24h acc. MIL STD Method 1009
Visual Inspection/Shape and Form	No mold slim; complete form; no cavities; surface smoothness ≤ -0.1mm / cm ² within contour; no cracks; no pollution (oil, dust, etc.)

Ordering information

Capacity	Part Number	Grade
32GB	SDU132GA10	C10 U1 V10 A2
64GB	SDU164GA10	C10 U1 V10 A2
128GB	SDU3128A30	C10 U3 V30 A2
256GB	SDU3256A30	C10 U3 V30 A2
512GB	SDU3512A30	C10 U3 V30 A2