

Premium Pro MicroSD Card



About four times smaller than the average SD card, the MicroSD card is primarily used with mobile handsets, the Premium Pro Micro SD Card also is supported by a variety of hand-held GPS devices, portable audio players, video game consoles and expandable USB flash memory drives.

Features

- Great for Automobile Applications
- Up to 100MB/s read and 84MB/s write
- High Speed: up to Class 10, U3, V30, A2
- Impressive U3 speeds for fast action photos or 4K video recording
- Water, temperature, shock and X-ray proof
- Backwards compatible with SD enable devices
- Built-in write protection features

Specifications

Capacity	16GB – 512GB
Dimensions(micro SD)	11 x 15 x 1 mm
Dimensions(SD Adapter)	24 x 32 x 2.1 mm
Seq. Read Up to(MB/sec)	100
Seq. Write Up to(MB/sec)	84
Power Supply	3.3V
Durability	10,000 mating cycles
Bending	10N
Torque	0.10N*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 warp age; 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(MLC)	Grade
16GB	MSD16U3AUT	C10 U3 V30
32GB	MSD32U3AUT	C10 U3 V30
64GB	MSD64U3AUT	C10 U3 V30

Capacity	Part Number(TLC)	Grade
32GB	MSD32U1A2	C10 U1 V10 A2
64GB	MSD64U1A2	C10 U1 V10 A2
128GB	MSD128U3A2	C10 U3 V30 A2
256GB	MSD256U3A2	C10 U3 V30 A2
512GB	MSD512U3A2	C10 U3 V30 A2