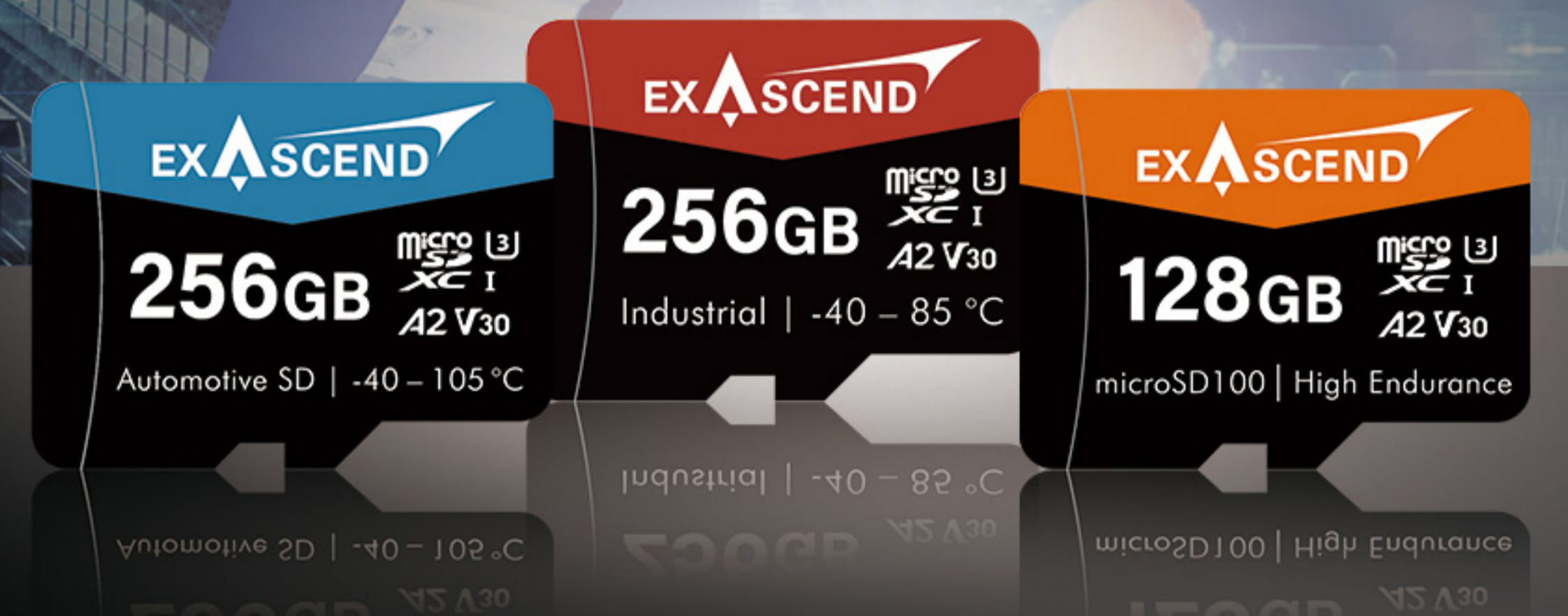


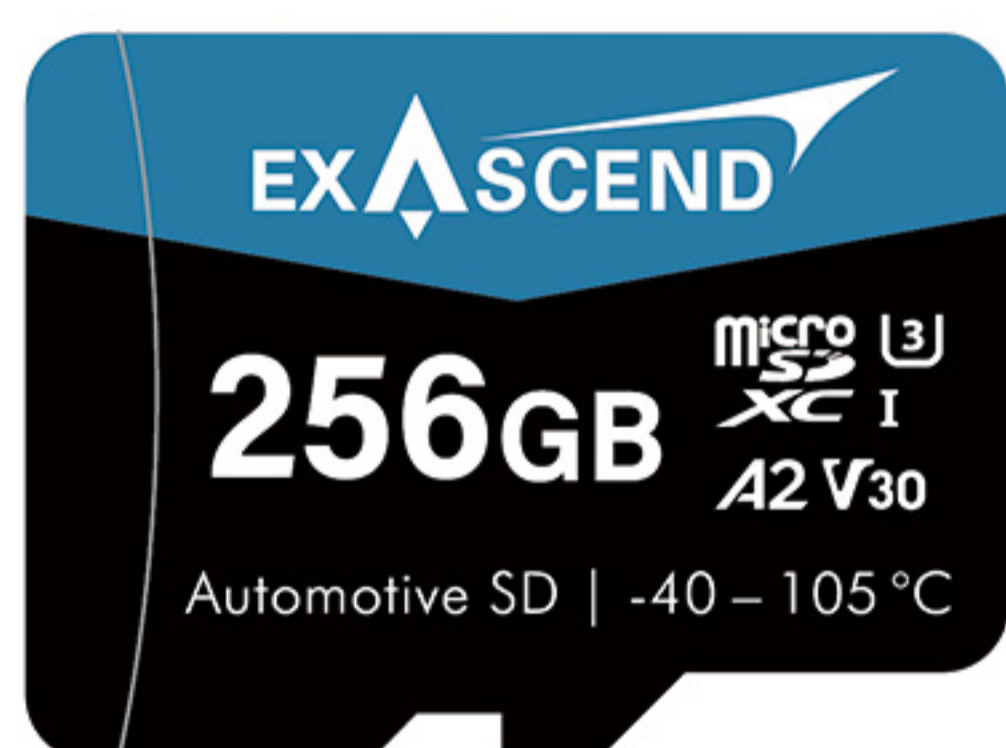
Elevate Your Applications with Exascend Industrial-Grade microSD Cards



Rugged and Reliable for Demanding Applications

- Robust Design: IP67 dust and water resistance, X-ray safety, shockproof, and magnet proof features.
- Advanced Firmware: LDPC ECC, wear leveling, IOPS optimization, secure erase, and pseudo SLC (for select series and capacity)
- Consistent Reliability: fixed BOM solutions and long-term support
- SMART Health Monitoring

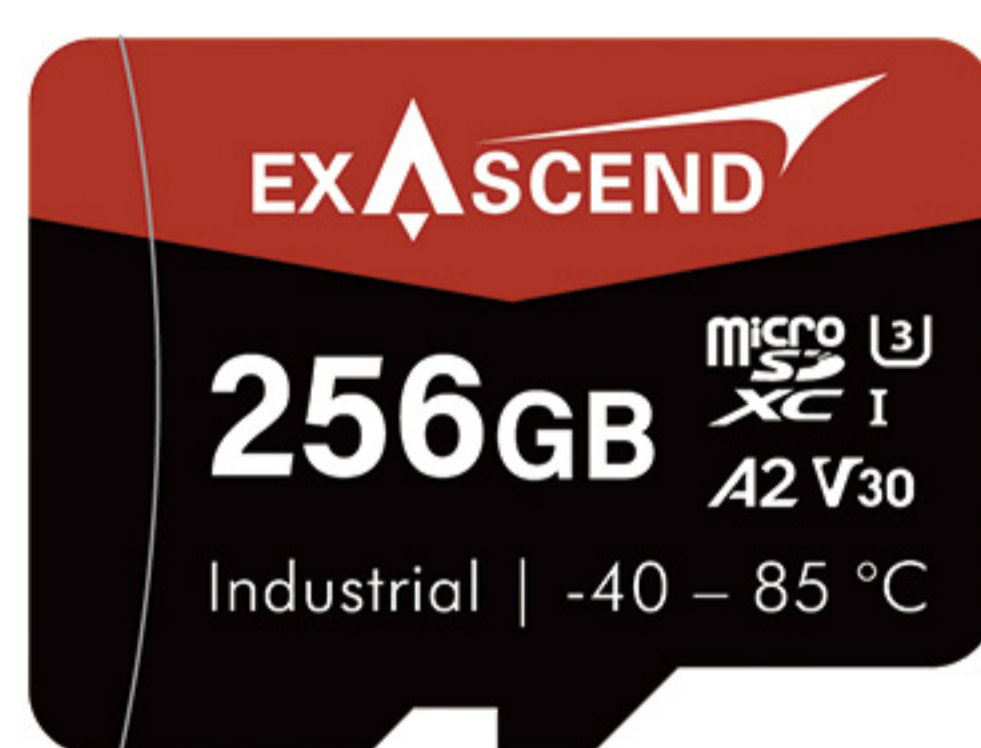
Key Series for Your Needs



microSD500 Series

For Automotive & Mission-Critical Use

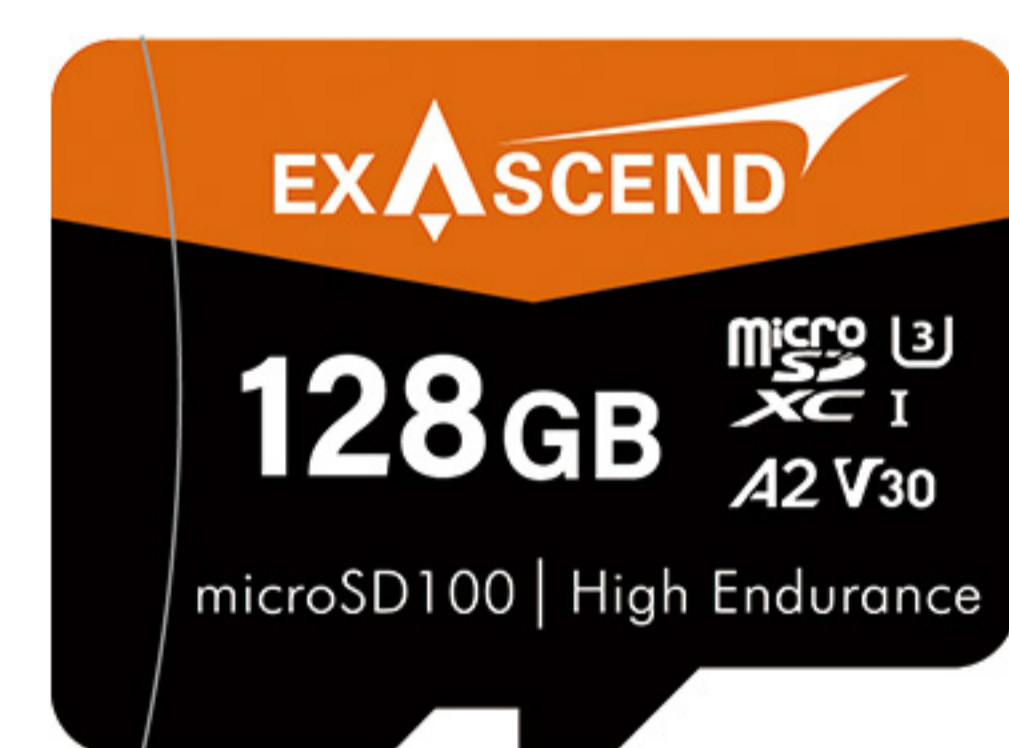
- 3D TLC NAND flash
- Withstands extreme temperatures from -40°C to 105°C
- Rigorous quality testing for reliability
- Capacities available from 8GB to 256GB (8GB/16GB pSLC mode)



microSD300 Series

For Industrial Environments

- 3D TLC NAND flash
- Continuous operation from -40°C to 85°C
- Flawless 24/7 video and high-res processing
- Capacities available from 8GB to 256GB (8GB/16GB pSLC mode)



microSD100 Series

For Industrial Environments

- 3D TLC NAND flash
- Continuous operation from -25°C to 85°C
- Flawless 24/7 video and high-res processing
- Capacities available from 64GB to 128GB

Product Specifications

Series	microSD500	microSD300	microSD100
Capacity	8GB – 256GB (8GB/16GB pSLC)	8GB – 256GB (8GB/16GB pSLC)	64GB – 128GB
Interface	SD6.0 microSDXC/microSDHC UHS-I	SD6.0 microSDXC /microSDHC UHS-I	SD6.0 microSDXC UHS-I
NAND Flash	176-layer 3D TLC	176-layer 3D TLC	176-layer 3D TLC
Operating Temp	-40°C to 105°C	-40°C to 85°C	-25°C to 85°C
Sequential R/W	90/80 MB/s	90/80 MB/s	90/80 MB/s
Speed Class	V30, C10, U3, A2	V30, C10, U3, A2	V30, C10, U3, A2
Endurance (DWPD)	2.1	2.1	2.1
Warranty	3 years	3 years	3 years

Ordering Information

Series Capacity	microSD500	microSD300	microSD100
8GB	EX8GUSDV30-PTDE	EX8GUSDV30-PIDE	--
16GB	EX16GUSDV30-PTDE	EX16GUSDV30-PIDE	--
32GB	EX32GUSDV30-TDE	EX32GUSDV30-IDE	--
64GB	EX64GUSDV30-TDE	EX64GUSDV30-IDE	EX64GUSDV30-CD9
128GB	EX128GUSDV30-TDE	EX128GUSDV30-IDE	EX128GUSDV30-CD9
256GB	EX256GUSDV30-TDE	EX256GUSDV30-IDE	--