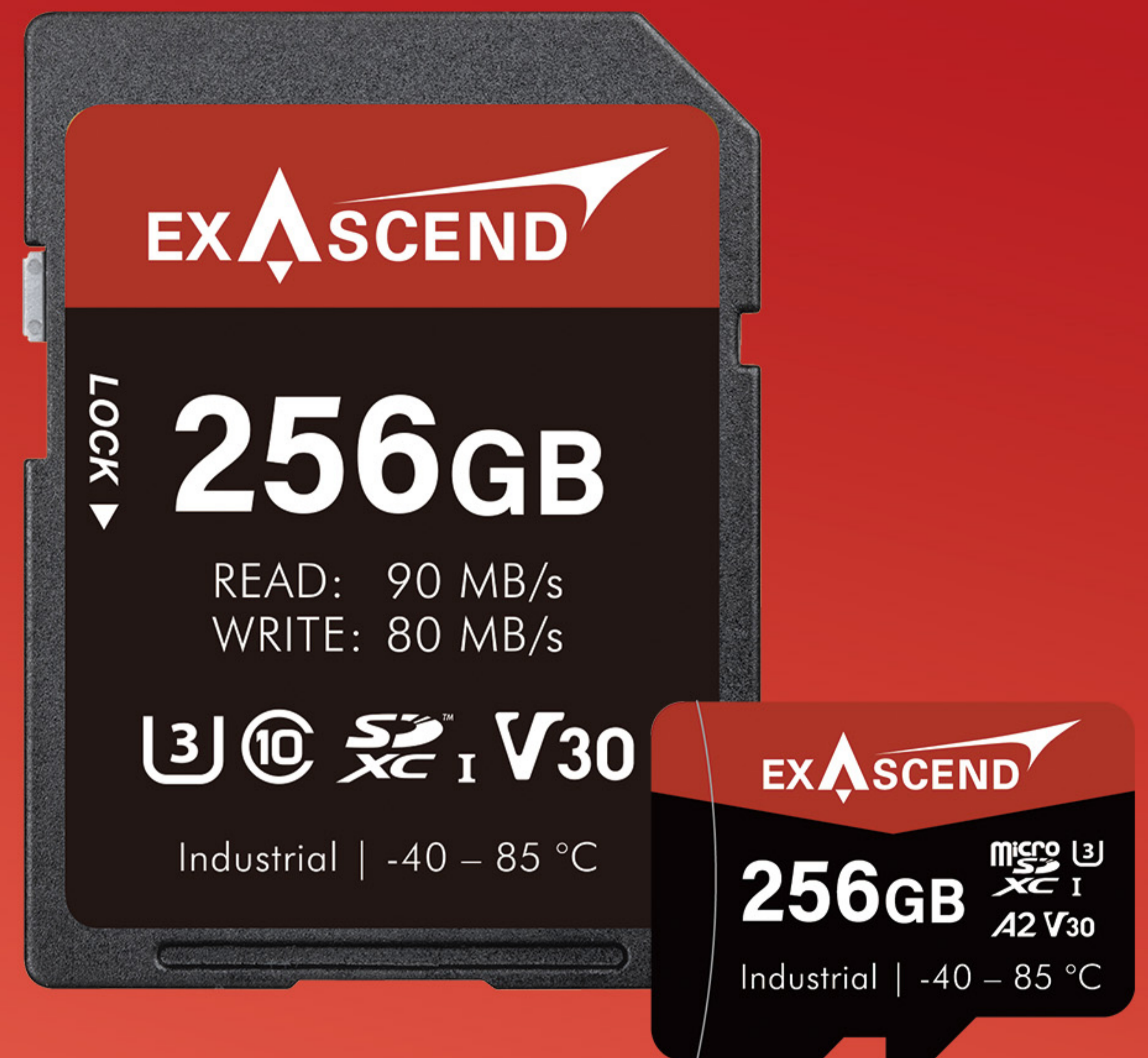


Industrial SD & microSD

Leveraging industrial-grade hardware and Exascend's industry-leading firmware design, the Industrial SD & microSD from Exascend are the perfect combination of high sustained performance, durability, and compactness.

Taking advantage of the latest 3D NAND flash technology, our Industrial SD & microSD cards feature advanced LDPC ECC, wear leveling, IOPS optimization, Secure Erase, and pSLC technologies.



SD 3.0

Interface

**176-layer
3D TLC**

Flash

**Wide
temperature**

Design

Up to
256 GB

Capacity

Up to
80 MB/s

Sequential write



COMPACT INDUSTRIAL STORAGE

Measuring just 1.26" x 0.94" (32 mm x 24 mm) and 0.43" x 0.59" (11 mm x 15 mm), respectively, Exascend's Industrial SD & microSD pack high sustained performance in small form factors, bringing industrial-grade reliability everywhere.



MAXIMUM RUGGEDNESS

Extreme temperatures, vibrations, shocks, and other environmental hazards are no problem for our Industrial SD & microSD cards. Like your applications, it's built for the real world.



SMART HEALTH MONITORING

Easily track and monitor the health of your Exascend Industrial SD, Industrial microSD, and eMMC devices with our SMART Tool software.



CONTINUOUS 24X7 RECORDING

Handles 4K video recording and up to eight AI events per second, ideal for object detection, such as license plate and facial recognition.

Industrial SD model number	Industrial microSD model number	Capacity	Flash	Operating temp.	Max. seq. read/write	TBW (max.)
EX256GSDV30-IDE	EX256GUSDV30-IDE	256 GB	3D NAND (TLC)	-40-85°C	90/80 MB/s	610
EX128GSDV30-IDE	EX128GUSDV30-IDE	128 GB	3D NAND (TLC)			300
EX64GSDV30-IDE	EX64GUSDV30-IDE	64 GB	3D NAND (TLC)			145
EX32GSDV30-IDE	EX32GUSDV30-IDE	32 GB	3D NAND (TLC)			73
EX16GSDV30-PIDE	EX16GUSDV30-PIDE	16 GB	3D NAND (pSLC)			320
EX8GSDV30-PIDE	EX8GUSDV30-PIDE	8 GB	3D NAND (pSLC)			155