

**DuraDrive KX3 Series**  
Micro SATA-II 3Gbps SSD

**uSATA Solid State Drive**



The DuraDrive KX3 is a performance 1.8" SATA-II SSD. Featuring a 128MB internal cache, the DuraDrive KX3 delivers best in class performance. With no moving parts, the KX3 is quiet, lightweight, rugged and uses less power than a hard disk drive. Optionally, the KX3 can be built to handle extended temperature ranges from -40°C to 85°C. Encased in metal enclosure and designed with carefully selected extended thermal range components, the DuraDrive KX3 was engineered to withstand the full industrial temperature range. Available in capacities from 32GB to 256GB.

**Physical Specifications**

Form Factor	1.8"
Capacity*	32GB - 256GB
Dimension	78.5 X 54.0 X 5.0 mm
SATA Interface	Micro SATA-II
NAND Flash	MLC
Cache	128MB DRAM Cache
Power Supply	3.3V ± 10%
Case	Metal housing

**Environmental Specifications**

Operating Shock	1500G
Operating Vibration	16G
Operating Temperature	-40°C to 85°C
Operating Humidity	5% to 98% RH
Operating Altitude	120000 ft

**Reliability Specifications**

MTBF	1,000,000 hours
Data Reliability	Built-in EDC/ECC function
Wear Leveling Algor.	Dynamic and static wear-leveling

**Performance Specifications**

	Seq. Read (MB/sec max)	Seq. Write (MB/sec max)
FUM32G818H	140	50
FUM64G818H	250	90
FUM28G818H	250	120
FUM56G818H	250	130

**Ordering Information**

Capacity	Part Number
32GB	FUM32G818H(I)
64GB	FUM64G818H(I)
128GB	FUM28G818H(I)
256GB	FUM56G818H(I)

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\*1GB=1,000,000,000 Bytes. Usable capacity may be less than specified after formatting. Actual performance varies depending upon the system configuration and the application used. Performance is highly dependent upon test environment and use case. Consult our benchmarking data for more detailed performance information or benchmark performance in your environment.