

## mSATA G5 - Enterprise Grade MLC

G5RM3G032-M, G5RM3G064-M, G5RM3G128-M

### Product Overview

Capacities:	32GB, 64GB, 128GB
Operating Temperature Range	0 ~ +70°C
Storage Temperature	-40 ~ +85°C
Performance Series	G5
Form Factor	mSATA
Flash Memory	Multi-Level Cell, NAND Flash
IDE Transfer Mode	No
Data Transfer Rate	500/490
DC Input Voltage	3.3 V
Auto standby and sleep mode	Yes
SMART Health Monitoring	Yes
Humidity	10% ~ 95% non-condensing
Altitude	80,000 ft.
Vibration	20 G (7 ~ 2,000 Hz)
Shock	2,000 G(@ 0.3ms half sine wave)
Program/Erase Endurance	Write: 13 years at 10 GB/day Unlimited read cycles
MTBF (mean time between failure)	>1,000,000 hrs.
ECC (error correction code)	Yes
Dimension (w x h x d)	50.3 x 30.0 x 3.4 mm (2.0" x 1.2" x 0.13")
Certifications	RoHS, CE, FCC
Conformal Coating	Available
Custom Manufacturing and FAE	Available
Controllable BOM (bill of materials)	Available
Warranty	3 Year

