

# Micron® 5210 SSD | SKU Reference Chart

Model & Endurance Class	5210 ION Very Read-Intensive		
Capacity	1.92TB	3.84TB	7.68TB
Standard Part #	MTFDDAK1T9QDE-2AV1ZABYY	MTFDDAK3T8QDE-2AV1ZABYY	MTFDDAK7T6QDE-2AV1ZABYY
Encrypted (SED) Part #	MTFDDAK1T9QDE-2AV16ABYY	MTFDDAK3T8QDE-2AV16ABYY	MTFDDAK7T6QDE-2AV16ABYY
Sequential Reads (MB/s) <sup>1</sup>	540	540	540
Sequential Writes (MB/s) <sup>1</sup>	260	350	360
Random Reads (K IOPS) <sup>2</sup>	70	83	90
Random Writes (K IOPS) <sup>2</sup>	13	7	4.5
QoS (Random Read QD1 99.999%)	3ms	3ms	3ms
Endurance (DWPD: varies by workload)	0.20 – 0.80	0.09 – 0.80	0.05 – 0.80
NAND	Micron® 3D QLC NAND		
MTTF	2 million device hours		
Interface	SATA (6 Gb/s)		
Form Factor	2.5-inch, 7mm		



## Features

- Flex Capacity™
- AES 256-bit encryption
- TCG Enterprise configurability
- Power loss protection (data in-flight & at-rest)
- Enterprise data path protection (user & meta data)
- Storage Executive SSD management tool
- Easy to install (hot pluggable)
- Adaptive thermal monitoring
- Secure firmware
- 5 year warranty
- RAIN