SMART Attribute	Name	Seagate BarraCuda 120 SSD ZA250CM10003	Western Digital WDS250G2B0A	Crucial CT250MX500SSD1	Description
1	Read Error Rate	X		X	
5	Retired Block Count		X	X	The count of retired blocks since initial drive deployment.
9	Power-On Hours	X	X	X	
12	Power Cycle Count	X	X	X	
16	Total LBAs Read	X			Found only on select Western Digital (WDC) hard drive models. Indicates the total amount of LBAs (Logical Block Address) read since the drive was deployed. The raw value represents the number of bytes read by the host to the drive, in 64 GB increments.
17	Unknown	X			
165	Total Write/Erase Count		X		This attribute is the total (or maximum) amount of flash erase counts.
166	Minimum Erase Count		X		This attribute is the minimum number of erase counts for the device. When the flash memory is 27 worn out, it can no longer be written to and becomes read-only
167	TLC Average Erase Count		X		Average number of TLC block erase count in TLC area that the device has experienced over its lifetime
168	SATA PHY Error Count	X	X		Counts the number of SATA PHY errors. This value includes all PHY error counts, ex data FIS CRC , code errors, disparity errors, command FIS crc. Value clears upon system power-down.
169	Remaining Lifetime Percentage		X		This attribute measures the approximate life left from a combination of program-erase cycles and available reserve blocks of the device.
170	Reserve Block Count	X	X		This Attribute is related to attribute 5: Retired Block Count. It provides a count of reserve (over-provisioned) blocks. The Attribute value is initially the total Reserve Block count. The value is decremented as the reserve block count diminishes over the drive's life.
171	SSD Program Fail Count		X	X	The total number of flash program operation failures since the drive was deployed. Identical to attribute 181.
172	SSD Erase Fail Count		X	X	Counts the number of flash erase failures. This attribute returns the total number of Flash erase operation failures since the drive was deployed. This attribute is identical to attribute 182.
173	SSD Wear Leveling Count	X	X	X	Counts the maximum worst erase count on a single block. NOTE: KINGSTON shows this as Erase Count Average and Max.
174	Unexpected Power Loss Count	X	X	X	Raw value reports the number of unclean shutdowns, cumulative over the life of an SSD
177	Wear Range Delta	X			Delta between most-worn and least-worn Flash blocks. It describes how good/bad the wearleveling of the SSD works on a more technical way.
180	Unused Reserved Block Count			X	The count of extra blocks available to be used in case bad blocks need to be retired.
183	SATA Downshift Error Count			X	The total number of data blocks with detected, uncorrectable errors encountered during normal operation
184	End-to-End error / IOEDC		X	X	A count of parity errors which occur in the data path to the media via the drive's cache RAM.
187	Reported Uncorrectable Errors		X	X	The count of errors that could not be recovered using hardware ECC
188	Command Time-Out		X		The count of aborted operations due to command timeout. Normally this attribute value should be equal to zero.
192	Power-off Retract Count	X			Number of power-off or emergency retract cycles since drive deployment.
194	Temperature	X	X	X	Device temperature
196	Reallocation Event Count			X	The raw value of this attribute shows the total count of attempts to transfer data from reallocated sectors to a spare area. Both successful and unsuccessful attempts are counted.
197	Current Pending Sector Count			X	Count of "unstable" sectors (waiting to be remapped, because of unrecoverable read errors). If an unstable sector is subsequently read successfully, the sector is remapped and this value is decreased.
198	Uncorrectable Sector Count			X	The total count of uncorrectable errors when reading/writing a sector.
199	UltraDMA CRC Error Count		X	X	The count of errors in data transfer via the interface cable as determined by ICRC (Interface Cyclic Redundancy Check).

SMART Attribute	Name	Seagate BarraCuda 120 SSD ZA250CM10003	Western Digital WDS250G2B0A	Crucial CT250MX500SSD1	Description
202	Percentage Lifetime Used			X	A measure of how much of the drive's projected lifetime has been used at any point in time. When the SSD is brand new, the attribute will report "0", and when its specified lifetime has been reached, it will show "100," reporting that 100 percent of the lifetime has been used.
206	Flying Height			X	The height of the disk heads above the disk surface.
210	RAIN Successful Recovery Page Count			X	Redundant Array of Independent NAND (RAIN) is similar to gaining data redundancy using RAID in a drive array. However, RAIN redundancy is accomplished within the drive, transparently to the user. RAIN is a feature which the SSD uses to protect user data and to extend the lifetime of the drive. Frequent RAIN events can cause a noticeable decrease in performance.
218	CRC Error Count	X			Counts the number of CRC error (read/write data FIS CRC error). (FROM KINGSTON)
230	Drive Life Protection Status		X		In solid-state drives, indicates whether usage trajectory is outpacing the expected life curve
231	Life Left	X			Indicates the approximate SSD life left, in terms of program/erase cycles or available reserved blocks. A normalized value of 100 represents a new drive, with a threshold value at 10 indicating a need for replacement. A value of 0 may mean that the drive is operating in read-only mode.
232	Endurance Remaining	X	X		Number of physical erase cycles completed on the SSD as a percentage of the maximum physical erase cycles the drive is designed to endure.
233	Media Wearout Indicator	X	X		SSDs report a normalized value from 100, a new drive, to a minimum of 1. It decreases while the NAND erase cycles increase from 0 to the maximum-rated cycles. NOTE: KINGSTON shows this as Lifetime Writes to Flash.
234	Average erase count AND Maximum Erase Coun	X	X		Decoded as: byte 0-1-2 = average erase count (big endian) and byte 3-4-5 = max erase count (big endian)
235	Good Block Count AND System(Free) Block Count	X			Decoded as: byte 0-1-2 = good block count (big endian) and byte 3-4 = system (free) block count.
241	Total LBAs Written	X	X		Total count of LBAs written.
242	Total LBAs Read	X	X		Total count of LBAs read.
244	Total LBAs Read Expanded		X		The upper 5 bytes of the 12-byte total number of LBAs read from the device. The lower 7 byte value is located at attribute 242
246	Cumulative Host Sectors Written			X	LBAs written due to computer request. NOTE: Kingston shows this attribute as Total Erase Count
247	Host Program Page Count			X	NAND pages written due to computer request.
248	Background program page count			X	NAND pages written due to background operations (e.g. garbage collection)