

## SSD M.2 KIOXIA 500GB NVMe LRC10Z500GG8

Šifra: 28144

Kategorija proizvoda: SSD diskovi

Proizvođač: KIOXIA



**Cena: 6.270 rsd.**

### EXCERIA SSD Product Specifications

#### Physical

Capacity 500GB

Interface: PCI Express® Base Specification Revision 3.1a (PCIe®)

Interface Maximum Speed: 32 GT/s (PCIe® Gen3x4L)

Interface Command: NVMe™ Revision 1.3c command set

Form Factor: M.2 Type 2280-S2-M

Flash Memory Type: BiCS FLASH™ TLC

Dimension (Max: LxWxH): 80.15 x 22.15 x 2.23 mm

Weight: 500GB 6.9 g (typ.)

#### Performance

Max Sequential Read Speed<sup>(1)</sup>: 1,700 MB/s

Max Random Write Speed<sup>(2)</sup> 500GB 400,000 IOPS

MTTF: 1.5 million hours

Max Sequential Write Speed<sup>(1)</sup>: 1,600 MB/s:

Max Random Read Speed<sup>(2)</sup> 350,000 IOPS

Endurance: TBW (Total Bytes Written)<sup>(3)</sup> 500GB: 200 TB

#### Environmental

Operating Temperature: 0 °C (Ta) to 85 °C (Tc)

Shock Resistance: 9.806 km/s<sup>2</sup> {1,000 G} 0.5 ms half sine wave

Supply Voltage: 3.3 V ±5 %

Power Consumption (Active): 500GB: 3.9 W (typ.)

Storage Temperature: -40 °C to 85 °C

Vibration: 196 m/s<sup>2</sup> {20 G} Peak, 10~2000 Hz, (20 min / Axis) x 3 Axis

Power Consumption: PS3: 50mW (typ.), PS4: 5 mW (typ.)

#### Compatibility

PCI Express: Compatible with PCI Express® Base Specification Revision 3.1a and NVMe™ Revision 1.3c command set

Connector Type: M.2 M key Socket

Target Applications: Client desktops and laptops