

High Performance Solid State Drive

Ridata Ultra-S Plus Series



Specifications

Form factor	Industry standard 2.5 inch
Interface	SATA-2 or IDE
Capacity	16GB, 32GB, 64GB, 128GB
Media	SLC NAND Flash
Sequential read	120Mb/s (15.0MB/s)
Sequential write	100Mb/s (12.5MB/s)
Sequential IOPS	>3415 @ 512byte (read)
Random OLTP	>3207 @ 2K (read)
Error correction	RS-6 (Reed-Solomon 6 symbols)
Access time	0.3 milliseconds
Shock tolerance	15G (vibration), 1000G (drop)
Write endurance	4,000,000 (P/E cycles)
Reliability	4,000,000 hours MTBF

Ordering Information

Capacity	Part #
32GB (MLC)	IMS1460
64GB (MLC)	IMS1461
128GB (MLC)	IMS1462
32GB (SLC)	IMS1457
64GB (SLC)	IMS1458
128GB (SLC)	IMS1459

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