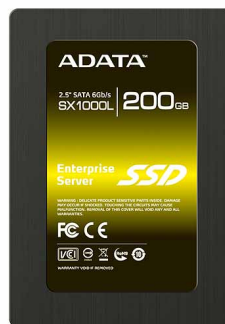


ADATA Server SSD SX1000L

Features

- > 5-Year warranty
- > MTBF: 1,500,000 hrs
- > TRIM Support (requires OS support)
- > NCQ Support
- > Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T.) Support
- > Complies with ATA-8/ACS-2 Standard
- > Backwards compatible with SATA II
- > 3.5" desktop conversion bracket
- > Acronis True Image HD, Disk Migration Utility
- > OS Compatibility: Windows 7, 8 / Windows XP / Windows Vista / Mac OS X / Linux



Specifications

Product Model	SX1000L
Capacity	100GB/200GB
Form factor	SATA III 6Gb/sec
NAND Flash	Multi-Level Cell (MLC) NAND Flash Memory with enhanced NAND sorting methodology
Controller	LSI SandForce SF-2281
Dimensions	100.25 x 70.1 x 7.0 mm (L x W x H)
Weight	61 ±1g
Interface	SATA 6Gb/sec
Performance(Max)	Sequential Read: 560 MB/sec Sequential Write: 340 MB/sec IOPS: 73,000 (Maximum 4K Random Read) IOPS: 45,000 (Maximum 4K Random Write)
Power Consumption	0.35W Idle/0.6W Active
Operating temperature	0 °C - 70 °C
Storage temperature	-40 °C - 85 °C
Shock resistance	1500G/0.5ms
MTBF	1,500,000 Hours
ECC Recovery	Up to 55 bits correctable per 512-byte sector (BCH) <small>*varies depending on exact configuration</small>



ADATA Sever SSD SX1000L

Operating Humidity	10% to 90% RH(0° to 40°C)
Storing Humidity	5% to 90% RH(-10° to 40°C)
Max Operating Altitude	12000m
Certification	CE/FCC/VCCI/BSMI
Warranty	5 Years

Performance

Capacity	Max 128K Sequential Read (MB/sec)	Max 128K Sequential Write (MB/sec)	4K Random Read (IOPS/sec)	4K Random Write (IOPS/sec)
100 GB	540	180	73,000	36,000
200 GB	550	340	73,000	45,000

* Test condition: IOMeter 2010 with random pattern of Queue Depth 32 at full Logical Block address span of drive. Write cache enabled.

* 4KB = 4,096 bytes / 8KB = 8,192 bytes

* Variations in system conditions and test environment may affect test result.

Packaging Information

Type	Weight	Dimensions	PCs/Carton	CUFT	Carton Gross Weight	Carton Dimensions
SX1000L	68g	130 x 138 x 25mm	40	1.4	7515g	364 x 355 x 300mm
SX1000	68g	130 x 138 x 25mm	40	1.4	7515g	364 x 355 x 300mm

Ordering Information

Product Type	Capacity	EAN Code	ADATA Part No.
SX1000L	100GB	4713435797341	ASX1000LS7-100GM-C
	200GB	4713435797358	ASX1000LS7-200GM-C
SX1000	100GB	4713435797365	ASX1000S7-100GM-C
	200GB	4713435797372	ASX1000S7-200GM-C



ADATA Server SSD SX1000L

Dimensional Drawings

