ADATA SR1010 2.5" SATA Server SSD

The SR1010 enterprise grade server SSD featuring comprehensive data encryption, reliability, superior performance and high compatibility with many operating systems. Available in 100GB, 240GB and 480GB sizes, ADATA's SR1010 SSD is a perfect upgrade solution for industrial servers, data centers and embedded devices.

Features

● PLP (Power-Loss Protection) Technology

● Supports Linux OS: SUSE, Red Hat Enterprise

● Supports virtual machine technology from VMWare and Citrix

● Microsoft WHQL certified

● Max. sequential R/W speeds: 550MB/s

● 4K Random R/W speeds: 73K/45K IOPS

● MTBF up to 2 million hours for high durability

Specifications

● Controller: Seagate SF2581

● Form Factor / Interface: 2.5" / SATA 6Gb/sec

● NAND Flash: Synchronous MLC

● Dimensions: 100 x 70 x 7mm (L x W x T)

● Weight: 63g

● Warranty: 5 years

● MTBF: 2,000,000 hours

● Max. Sequential Read/Write Speeds: 550/550MB/s

● Max. 4K random Read/Write Speeds: 73K/45K IOPS

● Power consumption: 2.25W Idle / 4.1W Active

● Operating / Storage Temp.: 0~70°C / -40~85°C

● Shock Resistance: 1500G / 0.5ms

● ECC Recovery: Up to 55 bits correctable per 512-byte sector (BCH)

*Varies depending on exact configuration