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SSD 2.5'' SAMSUNG 1.9TB PM893 MZ7L31T9HBLT-00A07 Bulk

Cena: 173.977,00 rsd.

Šifra:
Kategorija prozivoda: SSD
Proizvođač: Samsung



Tip uređaja: interna 2.5" SATA SSD (solid-state drive)
Serija: Samsung PM893 – enterprise/data-center SSD
Model: MZ7L31T9HBLT-00A07
Kapacitet: 1.92 TB
Form faktor: 2.5" (7 mm)
Interfejs: SATA III (6 Gb/s)
Flash tip: V-NAND TLC
Sekvencijalno čitanje (do): ~550 MB/s
Sekvencijalno pisanje (do): ~520 MB/s
Random čitanje (4 KB): ~98 000 IOPS
Random pisanje (4 KB): ~30 000 IOPS
Podrška za TRIM i NCQ: da
Podrška S.M.A.R.T.: da
End-to-end zaštita podataka: da
Enkripcija: 256-bit AES (hardverska)
MTBF / pouzdanost: ~2 000 000 sati
Namena: enterprise/server/data-center okruženja (read-intensive)
Potrošnja: relativno niska (tipično proxy za enterprise SSD)

General Information

Controller

Samsung Metis Controller

Type

Product Type

Internal SSD

Interface

SATA 6 Gb/s Interface
Compatible with SATA 3 Gb/s & SATA 1.5 Gb/s interface

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.

Series

PM893

Application

Data Center

Yes

Storage

Capacity

1.92TB

Key Features

Sequential Read Speed

Up to 550 MB/s

Sequential Write Speed

Up to 520 MB/s

Random Read Speed

Up to 98,000 IOPS

Random Write Speed

Up to 30,000 IOPS

NAND Flash

Samsung V-NAND TLC

Cache Memory

Samsung Low Power SDRAM

Trim Support

Yes

AES Encryption

AES 256-bit Encryption (Class 0)

S.M.A.R.T. Support

Yes

GC (Garbage Collection)

Auto Garbage Collection Algorithm

WWN Support

Yes

Internal Storage

Yes

Enterprise storage

Yes

Powerloss Protection

Yes

2.5 SATA

Yes

General

Power Consumption (W)

Active (Read/Write): 2.1 W / 3.2 W
Idle: Max. 1.5 W

Voltage

5 V ± 5% Allowable voltage

Reliability (MTBF)

2.0 Million Hours Reliability (MTBF)

Environmental Specs

Shock

1,500 G & 0.5 ms (Half sine)

Form Factor

Product

2.5-inch 7mmT

Dimensions (W x H x D)

Product

100 X 69.85 X 6.8 (mm)

Weight

Product

Max 70.0 g

Software

Management SW

Samsung SSD DC Tool kit

Warranty

Product

5-year Limited Warranty or 3,504 TBW Limited Warranty

Environment

Operating Temperature

0 - 70 ? Operating Temperature