SAMSUNG

Samsung 990 2 TB M.2 PCI Express 4.0 NVMe V-NAND



Производитель : Samsung

Код товара: MZ-V9V2T0BW

Модель : 990

Samsung 990. Объем SSD: 2 TB, форм-фактор твердотельного диска: M.2, Скорость считывания: 7250 MB/s, Скорость записи: 6450 MB/s, Комплектующие для: ПК

Свойства	
версия NVMe	2.0
Алгоритмы шифрования данных	256-bit AES, TCG Opal 2.0
Объем SSD *	2 TB
форм-фактор твердотельного диска *	M.2
Интерфейс *	PCI Express 4.0
NVMe *	✔
Тип памяти *	V-NAND
Комплектующие для *	ПК
аппаратное шифрование *	✔
M.2 SSD size	2280 (22 x 80 mm)
Скорость считывания	7250 MB/s
Скорость записи	6450 MB/s
Случайное чтение (4KB)	850000 IOPS
Случайная запись (4KB)	1200000 IOPS
линии данных интерфейса PCI Express	x4
Поддержка DevSlp (device sleep)	✔
PCI Express CEM ревизия	4.0
Поддержка S.M.A.R.T.	✔
Поддержка TRIM	✔

Свойства	
Среднее время наработки на отказ	1500000 h
Энергопитание	
Рабочее напряжение	3,3 V
Потребление мощности (чтение)	4,3 W
Потребление мощности (запись)	3,8 W
Потребление мощности (холостой ход)	0,055 W
Энергопотребление в режиме ожидания (DevSlp)	3 mW
Вес и размеры	
Ширина	80,2 mm
Глубина	2,38 mm
Высота	22,1 mm
Данные об упаковке	
Тип упаковки	Коробочная версия
Условия эксплуатации	
Диапазон температур при эксплуатации	0 - 70 °C
Ударная нагрузка в рабочем режиме	1500 G

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Catalog Object Cloud

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