SAMSUNG

# Samsung 980 500 GB M.2 PCI Express 3.0 NVMe V-NAND MLC

**Производитель :** Samsung

**Код товара:** MZ-V8V500BW

**Модель :** 980




Samsung 980. Объем SSD: 500 GB, форм-фактор твердотельного диска: M.2, Скорость считывания: 3100 MB/s, Скорость записи: 2600 MB/s, Комплектующие для: ПК




| Свойства | |
|---|---|
| версия NVMe | 1.4 |
| Алгоритмы шифрования данных | 256-bit AES |
| Объем SSD * | 500 GB |
| форм-фактор твердотельного диска * | M.2 |
| Интерфейс * | PCI Express 3.0 |
| NVMe * | ✔ |
| Тип памяти * | V-NAND MLC |
| Комплектующие для * | ПК |
| аппаратное шифрование * | ✔ |
| M.2 SSD size | 2280 (22 x 80 mm) |
| Скорость считывания | 3100 MB/s |
| Скорость записи | 2600 MB/s |
| Случайное чтение (4KB) | 400000 IOPS |
| Случайная запись (4KB) | 470000 IOPS |
| Тип контроллера | Samsung Pablo |
| линии данных интерфейса PCI Express | x4 |
| Поддержка DevSlp (device sleep) | ✔ |
| Поддержка S.M.A.R.T. | ✔ |
| Поддержка TRIM | ✔ |

| Свойства | |
|---|---|
| Среднее время наработки на отказ | 1500000 h |
| **Энергопитание** | |
| Рабочее напряжение | 3,3 V |
| Максимальное потребление энергии | 5,9 W |
| Среднее потребление энергии | 4,3 W |
| Потребление мощности (холостой ход) | 0,045 W |
| **Вес и размеры** | |
| Ширина | 80,2 mm |
| Глубина | 22,1 mm |
| Высота | 22,1 mm |
| Вес | 8 g |
| **Условия эксплуатации** | |
| Диапазон температур при эксплуатации | 0 - 70 °C |
| Ударная нагрузка в рабочем режиме | 1500 G |
| **Логистические данные** | |
| Код гармонизированной системы описания (HS) | 84717070 |



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**Catalog Object Cloud**



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