M.2 NVMe SSD modules

High Performance
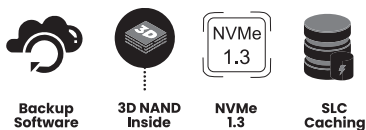
EVM®

Model Name : 256GB NVME Pcle M.2 2242

Part No : EVMNV42/256GB

5 YEARS WARRANTY

EVM® 256GB NVMe PCle 3x4 M.2 2242
Warranty Void If Label Removed
EVMNV42SI256G

Product Features

- Available Capacities: **256GB**
- Compact design: JEDEC Compliant.
- Controller: SM2263XT GenIIIx4
- NAND Flash: 3D TLC NAND.
- Compliant with NVME 1.3.
- Compatible with PCI Express base 3.0.
- Enhanced endurance by global wear-leveling.
- Hardware LDPC ECC correction engine.
- Support S.M.A.R.T. (Self-Monitoring, Analysis and Reporting Technology) ATA feature set.
- Support Native Command Queuing (NCQ) command.
- Support DEVSLP mode.
- Support DIPM/HIPM mode.
- Sudden power off recovery.
- Backup Software
- SLC caching
- RoHS certification.

Backup Software | 3D NAND Inside | NVMe 1.3 | SLC Caching

Note: Performance results may vary, depending on system platform, software, interface and capacity.

All Trademarks, Brands and names are the property of their respective owners.
Some of the listed capacity is used for formatting and other functional is not available for storage

Specifications

Capacity	256GB
Form Factor	M.2 NVMe 2242
Interface	Socket 3 (M key)
Shock resistance	1500G/0.5ms
MTBF	1,000,000 hours
Performance Read(max.)	Sequential Read: up to 2000MB/s
Performance Write(max.)	Sequential Write: up to 900MB/s
Storage Temperature	-45°C to 95°C
Operating Temperature	0°C to 70°C
Dimensions	42mm x 22mm x 2.20mm
Weight	7g
System Requirement	System Hardware which supports Socket 3(M key) standards System Hardware includes M.2 socket or transfer board
Operating System	Windows 7(additional driver required), Windows 8 (additional driver required) Windows 8.1 , Windows 10
Warranty	5 Years Warranty