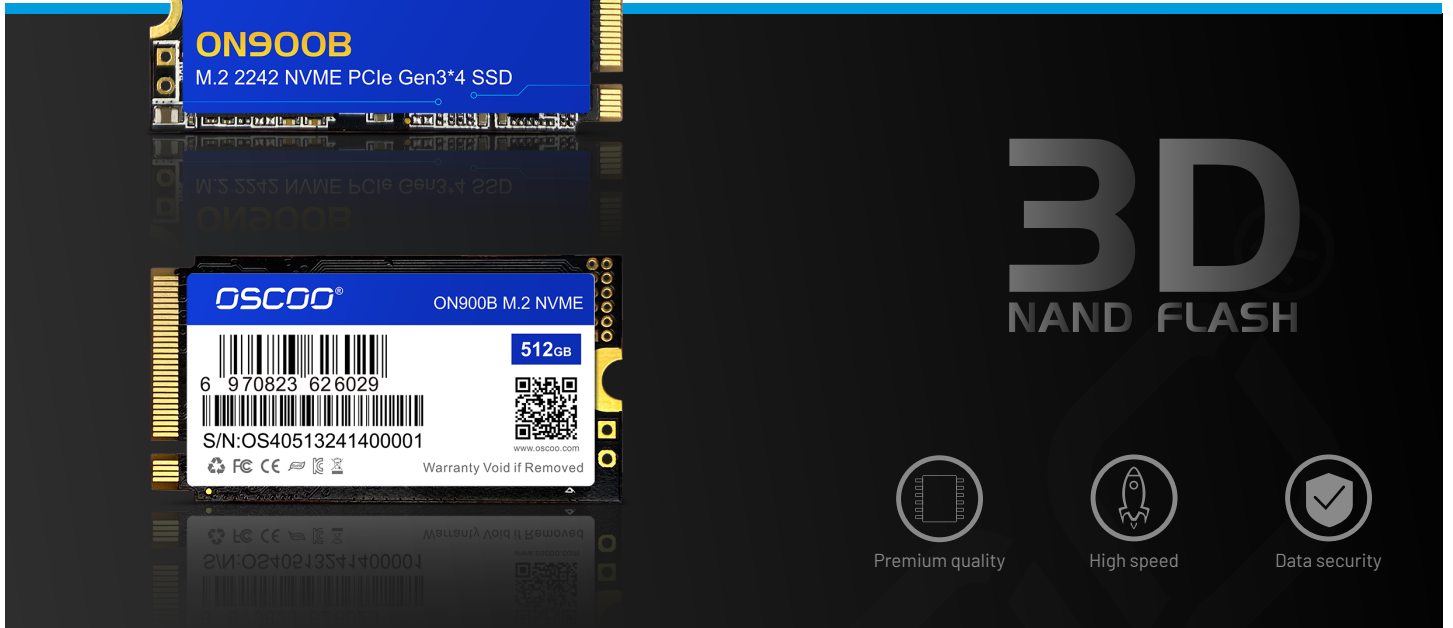




ON900B PCIe Gen3.0*4 M.2 2242 SSD

Balanced NVMe Solution for Compact Builds

OSCOO® ON900B is built for systems that require a balance of speed, capacity, and compact size. With its M.2 2242 form factor and PCIe Gen3x4 interface, it delivers smooth data handling and responsive storage performance for small form factor PCs, embedded platforms, and industrial devices.

- NVMe PCIe Gen3x4 interface
- Read speeds up to 2100MB/s
- Dual-sided layout for expanded storage capacity
- Built with 3D NAND Flash for stability and lifespan
- Ideal for SFF builds, industrial modules, and upgrade kits

Product Specifications

Model	ON900B
Form Factor	M.2 2242
Interface	NVMe PCIe Gen3.0*4
Flash	3D NAND Flash
Dimensions	42*22*2mm
Capacity	256GB 512GB 1TB 2TB
Read Speed	Up to 2100MB/s
Write Speed	Up to 1800MB/s
Operation Temperature	0°C to 70°C
Storage Temperature	-40°C to 85°C
Function Support	TRIM, NCQ and S.M.A.R.T
Warranty	3 Years

Capacity	Data Transfer Speed (R/W) MB/s Up to	
	Sequential read@Q32T1	Sequential write@Q32T1
256GB	1950	1580
512GB	2000	1650
1TB	2060	1750
2TB	2100	1800

* Performance is based on internal testing using CrystalDiskMark under a specific test environment.
* Actual performance may vary depending on host device, usage conditions and SSD configuration.