



3D
NAND FLASH



Premium quality



High speed



Gaming



ON1000B PCIe Gen4.0*4 M.2 2242 SSD

High-Speed Storage in a Small Footprint

Engineered for compact systems, OSCOO[®] ON1000B delivers top-tier Gen4x4 performance in the 2242 form factor. It's an excellent choice for industrial devices, embedded solutions, and slim notebooks that require speed and reliability in limited space.

- PCIe Gen4x4 NVMe interface
- Read up to 5400MB/s, Write up to 4900MB/s
- Compact design for space-constrained devices
- Ideal for embedded platforms, mini PCs, and system integrators
- Reliable performance in industrial and embedded environments

Product Specifications

Model	ON1000B
Form Factor	M.2 2242
Interface	NVMe PCIe Gen4.0*4
Flash	3D NAND Flash
Dimensions	42*22*2mm
Capacity	256GB 512GB 1TB 2TB 4TB
Read Speed	Up to 5400MB/s
Write Speed	Up to 4900MB/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	4700	2500
512GB	4800	2800
1TB	5400	4900
2TB	5400	4900
4TB	5400	4900

* 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.